



**BLUE ROCK
ENVIRONMENTAL, INC.**

Mr. Cody Walker
Associate Engineering Geologist
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

September 20, 2006

Re: Third Quarter 2006 Groundwater Monitoring Report
Cedar Stock Resort
45810 State Highway 3
Trinity Center, California
RWQCB case # 1TTR033
Blue Rock Project No. NC-017

Dear Mr. Walker,

This report presents the results of the Third Quarter 2006 groundwater monitoring activities at Cedar Stock Resort located at 45810 State Highway 3, Trinity Center, California. (site) (Figure 1), and was prepared for Mr. Cliff Johanssen of Boots and Boats Inc. by Blue Rock Environmental Inc. (Blue Rock).

Background

Site Description

Cedar Stock Resort is located adjacent to Trinity Lake in Trinity County California (Figure 1). The site is bounded by open forest land with some residential development. Cedar Stock Resort consists of a developed dock and additional parking areas around the former UST locations and a Lodge/Restaurant above the site. There are also various buildings near the site used for rental cabins, boat storage and residences. The resort uses a septic system located approximately 500 feet north of the former UST locations for sewage disposal. Drinking water is supplied by a well located about 1/4 mile north of the former USTs. The two gasoline USTs were previously located on the eastern side of the marina parking area (Figure 2).

The site slopes moderately to steeply toward the east. The Trinity Lake shoreline (high water line at 2,370 feet elevation above mean sea level (msl)) comprises the eastern boundary of the property. To the west, the property rises to 2,600 feet in elevation.

Site History

Cedar Stock Resort was developed in 1962 as a boat launching and storage facility and resort destination. The site was leased from the U.S. Department of Agriculture (USDA) by Boots and Boats Inc. in the early 1970s. In 1980 or 1981, two 5,000-gallon underground gasoline storage tanks (UST) were installed to supply fuel to boat traffic on Trinity Lake. Fuel was delivered via above ground piping to dispensers located on the dock.

Site Investigation and Corrective Action History

In September 1994, the two 5,000 gallon USTs were removed by Evans Construction (Evans). As evidenced by analysis of soil removed from the excavation, concentrations of total petroleum hydrocarbons as gasoline (TPHg) ranged to 2,000 parts per million (ppm). The tank cavity was overexcavated to a depth of approximately 40 feet below ground surface (bgs) to remove hydrocarbons acting as a source of groundwater contamination. Due to adverse site conditions no further overexcavation was performed. The excavation was subsequently backfilled with clean fill.

In an effort to evaluate the lateral extent of petroleum hydrocarbon impact to site soil and groundwater, Clearwater Group (Clearwater) supervised the installation of five soil borings (B-1 to B-5) and four monitoring wells (MW-1 to MW-4) in 1996 and 1997. Gasoline constituent contamination in soil and groundwater were detected in boring B-1 approximately 25 feet downgradient of the former excavation. Analysis of groundwater samples indicated concentrations of TPHg at 2,400 micrograms per liter ($\mu\text{g/L}$), MTBE at 2,000 $\mu\text{g/L}$, and benzene at 940 $\mu\text{g/L}$. A grab groundwater sample collected from boring B-5 (40 feet northeast of the UST excavation) indicated concentrations of TPHg at 1,900 $\mu\text{g/L}$, MTBE at 41 $\mu\text{g/L}$, and benzene at 160 $\mu\text{g/L}$. Quarterly groundwater monitoring and sampling of the monitoring wells was performed through the remainder of 1997 and continued through 1998. As the site was considered a low priority by the North Coast Regional Water Quality Control Board (NCRWQCB), no direction for additional quarterly monitoring was provided. Subsequently, no quarterly monitoring was performed in 1999. At the direction of Dean Prat of the NCRWQCB quarterly groundwater monitoring was resumed in January 2000.

On May 4, 2000, in an effort to better evaluate groundwater flow characteristics at the site, Clearwater supervised Diamond Core Drilling of Redding, California in the installation of two additional monitoring wells (MW-5 and MW-6) to the north and east of the former excavation. Well installation activities were approved verbally by Mr. Dean Pratt of the NCRWQCB. Results of this investigation are presented in Clearwater's *Monitoring Well Installation and Groundwater Monitoring Report Second Quarter 2000* dated July 18, 2000. Well construction data are presented in Table 1.

On March 4 and 5, 2002, Clearwater supervised, Mitchell Drilling Environmental of Rancho Cordova, California in the drilling four soil borings to a depth of approximately 60 feet bgs (Figure 2). The purpose of the proposed additional investigation was to provide the data needed for the preparation of the required Corrective Action Plan (CAP). Results of this investigation are presented in Clearwater's *Corrective Action Plan (CAP) / Sensitive Receptor Survey / Additional Investigation Report* dated April 26, 2002. In a letter dated June 4, 2002, the NCRWQCB approved the CAP which outlined soil vapor extraction (SVE) as the preferred remedial alternative to treat sorbed-phase contamination and monitored natural attenuation for treating dissolved-phase contamination and requested the submittal of a workplan to perform an SVE pilot study.

Clearwater subsequently prepared and submitted a *Workplan for Vapor Extraction Pilot Study* dated August 10, 2002. The workplan was approved in a NCRWQCB letter dated September 9, 2002. The pilot study was performed in October 2002. The results of the monitored natural attenuation study

were favorable; however, the results of the SVE test were not favorable. Therefore, low vacuum SVE was not considered to be a technically viable remedial alternative. Results of the pilot study and natural attenuation feasibility study were submitted in Clearwater's *Second Quarter 2003 and Remedial Action Plan* dated July 21, 2003.

In a letter dated September 25, 2003, the NCRWQCB concurred with Clearwater's evaluation of the monitoring data and recommendation to continue natural attenuation monitoring for a one year period. In the letter, the NCRWQCB requested a summary report be submitted following a one year period and should include an estimate of time for natural attenuation to restore beneficial uses of groundwater at the site and the evaluation of at least one additional remedial alternative and a cost comparison of the remedial alternatives.

In May 2004, Blue Rock was retained to continue site activities. Blue Rock performed the Second Quarter 2004 groundwater monitoring event and subsequently submitted the *Remedial Action Plan Addendum / Summary Report / Second Quarter 2004 Groundwater Monitoring Report* dated July 20, 2004 which conveyed the data requested in the September 25, 2003, NCRWQCB letter and requested the site be evaluated for closure. The NCRWQCB denied the closure request in a letter dated September 8, 2004 and requested groundwater monitoring be performed on a semi annual basis.

From October 31, to November 4, 2005 Blue Rock performed a 5 day dual-phase extraction (DPE) event per the *Workplan for Mobile High-Vacuum Dual-Phase Extraction Treatment* dated August 18, 2005 which was approved in the NCRWQCB letter dated September 15, 2005. The DPE event was successful in demonstrating that TPHg, BTEX, and MTBE can be removed from the subsurface using this technology. Influent concentrations of TPHg averaged approximately 350 mg/m³. In the vapor-phase, TPHg removal rates ranged from 0.7 to 4.2 lbs/day and MTBE removal rates ranged from 0.01 to 0.03 lbs/day. DPE appeared to be successful at lowering concentrations of target analytes at the extraction point based on the results of the pre-test and post-test samples collected from MW-1. Specifically, TPHg was reduced from 730 µg/L (pre-test 10/31/05) to 260 µg/L (post-test 11/4/05), benzene was reduced from 5.8 µg/L (pre-test 10/31/05) to 1.6 µg/L (post-test 11/4/05), and MTBE was reduced from 240 µg/L (pre-test 10/31/05) to 210 µg/L (post-test 11/4/05). Data collected during this event were reported in the *Dual-Phase Extraction Treatment Report* dated November 28, 2005.

Field and Laboratory Activities - Third Quarter 2006

Groundwater Monitoring Activities

On September 6, 2006 six wells (MW-1 through MW-6) were monitored and sampled. Prior to sampling, an electronic water level indicator was used to gauge depth to water in each well, accurate to within ± 0.01 -foot. A downhole dissolved oxygen (DO) meter was used to measure concentrations of DO. Due to the depth to water in MW-2, 3, 5 and 6 being lower than the depth the DO meter will reach, no DO readings could be collected from these wells. All wells were checked for the presence of light non-aqueous phase liquid (LNAPL) petroleum prior to purging. No measurable thicknesses of LNAPL were observed on groundwater in any of the wells.

In preparation for sampling, the wells were purged of groundwater until sampling parameters (temperature, pH, and conductivity) stabilized. Following recovery of water levels to approximately 80% of their static levels, groundwater samples were collected from the wells using disposable polyethylene bailers and transferred to laboratory supplied containers. Sample containers were labeled, documented on a chain-of-custody form, and placed on ice in a cooler for transport to the project laboratory.

Purging instruments were cleaned between use by an Alconox[®] wash followed by double rinse in clean tap water to prevent cross-contamination. Purge and rinse water was stored on-site in labeled 55-gallon drums pending future removal and disposal.

Groundwater monitoring and well purging information is presented on Gauge Data/Purge Calculations and Purge Data sheets (Appendix A).

Groundwater Sample Analyses

Groundwater samples were analyzed by Kiff Analytical (Kiff), a DHS-certified laboratory, located in Davis, California, for the following analytes:

- TPHg, BTEX, MTBE by EPA Method 8260B

Groundwater Monitoring Results - Second Quarter 2006

Groundwater Flow Direction and Gradient

Static groundwater in the wells was present beneath the site at depths ranging from approximately 20.02 (MW-5) to 28.02 (MW-2) feet bgs. Gauging data, combined with well elevation data, were used to calculate groundwater elevations, and to generate a groundwater elevation and gradient map. The groundwater flow direction was calculated to be toward the northeast at a gradient of 0.25 ft/ft in the area of the former USTs and becoming more northerly downgradient (Figure 3). The groundwater gradient and flow direction is consistent with previous measurements.

Groundwater Contaminant Analytical Results

LNAPL: None
 TPHg concentration: <50 µg/L (MW-2 to MW-6) to 680 µg/L (MW-1)
 MTBE concentration: <0.5 µg/L (MW-4 & MW-5) to 340 µg/L (MW-1)
 Benzene concentration: <0.5 µg/L (MW-3 to MW-6) to 38 µg/L (MW-1)

Groundwater sample analytical results are shown graphically on Figures 4 and 5. Cumulative groundwater sample analytical results are summarized in Table 2. Copies of the field notes, laboratory report and chain-of-custody form are presented in Appendix A and B.

Remarks

Groundwater sample analytical results are consistent with previous groundwater data. The plume of dissolved-phase hydrocarbons appears to be stable with decreasing and/or stable concentrations of target analytes.

Natural Attenuation Monitoring Program

First Order Decay Rates

Trends in dissolved-phase concentrations were evaluated for MW-1 and MW-2, the only historically impacted wells. TPHg, benzene, and MTBE for those wells were plotted against time since January 2000 (the highest concentration of TPHg recorded). An exponential equation was fitted to each data set to calculate first-order decay rates (Appendix C). The method presented by Buscheck, O'Reilly, and Nelson (1993) was used to calculate first-order decay rates by the following equation:

$$C(t) = C_0 e^{-(kt)}$$

Where,

$C(t)$ is concentration as a function of time (t)

C_0 = is concentration as $t = 0$

k = is the decay rate (t^{-1})

Trend lines fit to these data sets indicate the following contaminant decay rates. The R^2 values indicate the "goodness of fit" of the trend line/equation to the data (R^2 values greater than 0.75 are generally considered a good fit):

Cumulative Analytical Data

Well	TPHg Decay Rate (day ⁻¹)	R ² Value	Benzene Decay Rate (day ⁻¹)	R ² Value	MTBE Decay Rate (day ⁻¹)	R ² Value
MW-1	0.001	0.471	0.0024	0.617	0.0008	0.608
MW-2	0.012	0.544	0.0015	0.420	0.0016	0.313

As shown in the attached charts (1a/b/c and 2a/b/c), the estimated time to reach water quality goals based on the above decay rates for TPHg, benzene and MTBE in MW-1 are approximately 7 years, 3

years and 13 years respectively. It should be noted that concentrations of target analytes in MW-2 have reached water quality goals with the exception of low residual MTBE concentrations.

As part of the evaluation of decay rates of dissolved phase contaminants, Blue Rock divided the above data set into two categories based on depth to water. Variations in target analyte concentrations have been observed relative to the depth groundwater is present with generally higher concentrations of target analytes when depth to groundwater in MW-1 falls below 25 feet bgs (Charts 3a and 3b).

Low Groundwater (Depth to Water Greater Than 25 feet bgs) Analytical Data

Well	TPHg Decay Rate (day ⁻¹)	R ² Value	Benzene Decay Rate (day ⁻¹)	R ² Value	MTBE Decay Rate (day ⁻¹)	R ² Value
MW-1	0.009	0.345	0.0027	0.627	0.0006	0.436

High Groundwater (Depth to Water Less Than 25 feet bgs) Analytical Data

Well	TPHg Decay Rate (day ⁻¹)	R ² Value	Benzene Decay Rate (day ⁻¹)	R ² Value	MTBE Decay Rate (day ⁻¹)	R ² Value
MW-1	0.0012	0.653	0.0022	0.821	0.0009	0.769

As indicated in the above tables, the first order decay rates for low groundwater events are similar to those for the entire data set. Additionally, R² values are similar indicating a poorer fit and a less reliable extrapolation. Alternatively, when only high groundwater analytical data are used in the extrapolation, decay rates are similar. Additionally, the high groundwater sets produce significantly higher R² values than those for low groundwater data sets. As shown in the attached chart (3b), the estimated time to reach water quality goals based on the high groundwater decay rates for TPHg, benzene and MTBE in MW-1 are approximately 6 years, 3 years and 10 years respectively.

Although first order decay rates indicate that the dissolved-phase concentrations continue to decline, they may not reach Clean-up Goals in a reasonable timeframe when extrapolated from current concentrations. As stated in the previous quarterly report, further reduction in existing concentrations would result in a shorter estimated timeframe to meet Clean-up Goals.

It should be noted that the plume of residual dissolved-phase gasoline range hydrocarbons remains stable with no significant migration. This has been evidenced by concentrations of target analytes below or slightly above laboratory detection limits in downgradient and cross gradient monitoring points for the duration of the quarterly groundwater monitoring program.

Conclusions and Recommendations

- The dissolved-phase plume continues to remain stable with an observed increase in concentrations of target analytes in MW-1 and MW-2 this quarter.
- In the Second Quarter 2006 groundwater monitoring report, Blue Rock recommended performing one additional Mobile HDPE remedial event during low groundwater conditions in October 2006 (when site operations allow use of the mobile unit) as a remedial polisher for a two week duration to bring dissolved-phase concentrations nearer to groundwater quality goals for future site closure. The performance of this event was approved verbally by the NCRWQCB in a September 15, 2006 telephone conversation, pending written approval. This event is scheduled to occur in late October or early November 2006.
- The site is currently being monitored on a quarterly basis per the NCRWQCB directives. The next quarterly sampling event is scheduled for December 2006. Groundwater samples will be analyzed for TPHg, BTEX and MTBE by EPA Method 8260B.

References

- Buscheck, T.E., O'Reilly, K.T., and Nelson, S.N. 1993. *Evaluation of Intrinsic Bioremediation at Field Sites*. Proceedings of the Conference of Petroleum Hydrocarbons and Organic Chemicals in Ground Water, National Groundwater Association/API, Houston, TX. November 10-12.

Certification

This report was prepared under the supervision of a California Professional Geologist at Blue Rock. All statements, conclusions, and recommendations are based upon published results from past consultants, field observations by Blue Rock, and analyses performed by a state-certified laboratory as they relate to the time, location, and depth of points sampled by Blue Rock. Interpretation of data, including spatial distribution and temporal trends, are based on commonly used geologic and scientific principles. It is possible that interpretations, conclusions, and recommendations presented in this report may change, as additional data become available and/or regulations change.

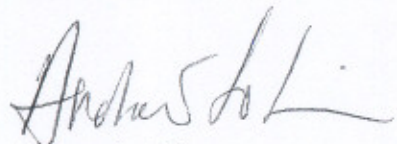
Information and interpretation presented herein are for the sole use of the client and regulating agency. The information and interpretation contained in this document should not be relied upon by a third party.

The service performed by Blue Rock has been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area of the site. No other warranty, expressed or implied, is made.

If you have any questions regarding this project, please contact us at (707) 441-1934.

Sincerely,
Blue Rock Environmental, Inc.

Prepared by:

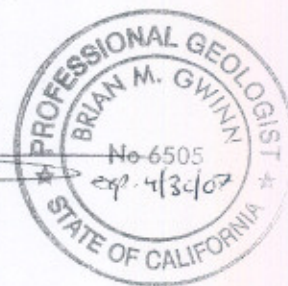


Andrew LoCicero
Project Scientist

Reviewed by:



Brian Gwinn, PG
Principal Geologist



Attachments:

Table 1: Well Construction Data
Table 2: Groundwater Elevation and Analytical Data
Table 3: Intrinsic Bioremediation Data
Figure 1: Site Location Map
Figure 2: Site Plan
Figure 3: Groundwater Elevations and Gradient – September 6, 2006
Figure 4: Dissolved-Phase TPHg Distribution - September 6, 2006
Figure 5: Dissolved-Phase MTBE Distribution - September 6, 2006
Figure 6: Intrinsic Bioremediation Data - September 6, 2006
Appendix A: Blue Rock Gauge/Purge Calculations and Well Purging Data field sheets
Appendix B: Laboratory Analytical Report and Chain-of-Custody Form
Appendix C: First Order Decay Rate Graphs

cc:

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TABLES

Table 1
WELL CONSTRUCTION DATA
 Cedar Stock Resort
 45180 State Highway 3
 Trinity Center, California
 Project No. NC-017

Well Identification	Date Installed	Installed by	Casing Diameter (inches)	Total Depth (feet)	Blank Interval (feet)	Screened Interval (feet)	Slot Size (inches)	Filter Pack (feet)	Bentonite Seal (feet)	Cement (feet)
MW-1	11/18/97	Clearwater	2	40	0-20	20-40	0.02	18-40	16-18	0-16
MW-2	11/18/97	Clearwater	2	40	0-20	20-40	0.02	18-40	16-18	0-16
MW-3	11/18/97	Clearwater	2	40	0-20	20-40	0.02	18-40	16-18	0-16
MW-4	11/18/97	Clearwater	2	40	0-20	20-40	0.02	18-40	16-18	0-16
MW-5	8/30/00	Clearwater	2	35	0-15	15-35	0.02	14-35	12-14	0-12
MW-6	8/30/00	Clearwater	2	35	0-15	15-35	0.02	14-35	12-14	0-12

Table 2
GROUNDWATER ELEVATION AND ANALYTICAL DATA
Cedar Stock Resort
45810 State Highway 3
Trinity Center, California
Project No. NC-017

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Meth. (µg/L)	Eth. (µg/L)
MW-1	11/23/97	2383.6	28.41	2355.14	4,500	3,100	11	13	36	2,200	--	--	--	--	--	--
	12/22/97	2383.6	29.06	2354.49	--	--	--	--	--	--	--	--	--	--	--	--
Screen	2/1/98	2383.6	31.46	2352.09	--	--	--	--	--	--	--	--	--	--	--	--
	2/26/98	2383.6	34.36	2349.19	2,300	65	<0.5	0.6	<0.5	390	--	--	--	--	--	--
20'-40'	3/14/98	2383.6	32.68	2350.87	--	--	--	--	--	--	--	--	--	--	--	--
	4/25/98	2383.6	26.59	2356.96	--	--	--	--	--	--	--	--	--	--	--	--
	5/16/98	2383.6	24.12	2359.43	910	180	7.2	1.3	6.7	110	--	--	--	--	--	--
	6/6/98	2383.6	24.79	2358.76	--	--	--	--	--	--	--	--	--	--	--	--
	7/18/98	2383.6	22.23	2361.32	--	--	--	--	--	--	--	--	--	--	--	--
	9/3/98	2383.6	15.81	2367.74	95	25	<0.5	<0.5	0.65	26	--	--	--	--	--	--
	10/2/98	2383.6	16.44	2367.11	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/98	2383.6	23.77	2359.78	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/98	2383.6	21.18	2362.37	1,100	260	4.4	5.6	7.3	95	--	--	--	--	--	--
	1/11/00	2383.6	23.25	2360.30	17,000	4,600	27	320	254	1,700	--	--	--	--	--	--
	5/4/00	2383.6	18.29	2365.26	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/00	2383.6	15.97	2367.58	3,140	2,250	6.9	62	68	861	--	--	--	--	--	--
	9/26/00	2383.6	21.75	2361.80	11,900	4,750	17	174	127	2,930	--	--	--	--	--	--
	12/22/00	2383.6	25.49	2358.06	4,890	1,620	7.6	28.2	36.5	1,860	--	--	--	--	--	--
	3/30/01	2383.6	27.05	2356.50	1,900	1,130	2.5	1.6	3.1	939	--	--	--	--	--	--
	6/13/01	2383.6	26.04	2357.51	4,700	1,400	3.0	2.1	3.7	1,100	--	--	--	--	--	--
	9/21/01	2383.6	28.73	2354.82	4,300	1,400	<5	<5	<5	1,200	84	<5	<5	<5	<2,000	<50
	12/15/01	2383.6	36.39	2347.16	410	15	<1	<1	<1	360	370	<1	<1	<1	<1,700	<10
	3/15/02	2383.6	29.76	2353.79	2,400	440	<5	<5	<5	1,400	--	--	--	--	--	--
	6/26/02	2383.6	26.78	2356.77	5,600	1,600	<10	<10	<10	1,700	--	--	--	--	--	--
	9/25/02	2383.6	29.38	2354.17	6,400	1,300	<10	<10	<10	1,800	--	--	--	--	--	--
	12/12/02	2383.6	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	(3/20/03)	2421.70	32.42	2389.28	<500	<5	<5	<5	<5	1,400	--	--	--	--	--	--
	6/11/03	2421.70	23.62	2398.08	420	23	<1	<1	<1	550	--	--	--	--	--	--
	9/24/03	2421.70	23.47	2398.23	2,300	220	<1.5	<1.5	<1.5	710	--	--	--	--	--	--
	12/15/03	2421.70	27.95	2393.75	2,600	120	<2	<2	<2	940	--	--	--	--	--	--
	3/4/04	2421.70	24.41	2397.29	2,000	44	<1	<1	<1	510	--	--	--	--	--	--
	6/14/04	2421.70	20.17	2401.53	1,500	88	<1.5	3.2	<1.5	440	--	--	--	--	--	--
	12/15/04	2421.70	30.38	2391.32	1,400	46	<1	<1	<1	560	--	--	--	--	--	--
	6/23/05	2421.70	24.86	2396.84	1,800	41	<0.5	<0.5	<0.5	360	--	--	--	--	--	--
	12/29/05	2421.70	35.04	2386.66	270	2.6	<0.5	<0.5	<0.5	350	--	--	--	--	--	--
	3/22/06	2421.70	25.69	2396.01	870	16	<0.5	<0.5	<0.5	410	--	--	--	--	--	--
	6/8/06	2421.70	14.23	2407.47	350	24	<0.5	<0.5	<0.5	120	--	--	--	--	--	--
	9/6/09	2421.70	20.69	2401.01	680	38	<0.9	<0.9	<0.9	340	--	--	--	--	--	--

Table 2
GROUNDWATER ELEVATION AND ANALYTICAL DATA
Cedar Stock Resort
45810 State Highway 3
Trinity Center, California
Project No. NC-017

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Meth. (µg/L)	Eth. (µg/L)
MW-2	11/23/97	2380.7	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/22/97	2380.7	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen	2/1/98	2380.7	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
20'-40'	2/26/98	2380.7	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/98	2380.7	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/25/98	2380.7	24.44	2356.27	--	--	--	--	--	--	--	--	--	--	--	--
	5/16/98	2380.7	22.21	2358.50	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	6/6/98	2380.7	22.63	2358.08	--	--	--	--	--	--	--	--	--	--	--	--
	7/18/98	2380.7	21.20	2359.51	--	--	--	--	--	--	--	--	--	--	--	--
	9/3/98	2380.7	17.90	2362.81	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	10/2/98	2380.7	17.21	2363.50	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/98	2380.7	26.50	2354.21	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/98	2380.7	27.75	2352.96	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	1/11/00	2380.7	33.57	2347.14	880	34	<1	<0.5	<1	170	--	--	--	--	--	--
	5/4/00	2380.7	16.67	2364.04	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/00	2380.7	12.70	2368.01	<50	<0.3	<0.3	<0.3	0.6	<2	--	--	--	--	--	--
	9/26/00	2380.7	33.79	2346.92	1,430	74	<0.3	<0.3	<0.6	562	--	--	--	--	--	--
	12/22/00	2380.7	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/01	2380.7	39.18	2341.53	1470	39.5	<0.3	<0.3	<0.6	453	--	--	--	--	--	--
	6/13/01	2380.7	32.95	2347.76	520	19	<1	<1	1.1	390	--	--	--	--	--	--
	9/21/01	2380.7	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	2380.7	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/15/02	2380.7	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/26/02	2380.7	34.02	2346.69	300	11	<0.5	<0.5	<0.5	280	--	--	--	--	--	--
	9/25/02	2380.7	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/12/02	2380.7	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	(3/20/03)	2418.9	36.94	2381.97	<50	<0.5	<0.5	<0.5	<0.5	85	--	--	--	--	--	--
	6/11/03	2418.9	17.01	2401.90	<50	<0.5	<0.5	<0.5	<0.5	39	--	--	--	--	--	--
	9/24/03	2418.9	31.00	2387.91	180	4.1	<0.5	<0.5	<0.5	82	--	--	--	--	--	--
	12/15/03	2418.9	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/4/04	2418.9	28.68	2390.23	78	1.8	<0.5	<0.5	<0.5	46	--	--	--	--	--	--
	6/14/04	2418.9	22.21	2396.70	<50	<0.5	<0.5	<0.5	<0.5	1.0	--	--	--	--	--	--
	12/15/04	2418.9	39.94	2378.97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/23/05	2418.9	28.11	2390.80	<50	0.74	<0.5	<0.5	<0.5	12	--	--	--	--	--	--
	12/29/05	2418.9	37.02	2381.89	<50	<0.5	<0.5	<0.5	<0.5	2.4	--	--	--	--	--	--
	3/22/06	2418.9	28.75	2390.16	<50	0.68	<0.5	<0.5	<0.5	24	--	--	--	--	--	--
	6/8/06	2418.9	12.90	2406.01	<50	<0.5	<0.5	<0.5	<0.5	1.4	--	--	--	--	--	--
	9/6/06	2418.9	28.02	2390.89	<50	1.6	<0.5	<0.5	<0.5	30	--	--	--	--	--	--

Table 2
GROUNDWATER ELEVATION AND ANALYTICAL DATA
 Cedar Stock Resort
 45810 State Highway 3
 Trinity Center, California
 Project No. NC-017

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Meth. (µg/L)	Eth. (µg/L)
MW-3	11/23/97	2389	38.75	2350.20	<50	<0.5	<0.5	<0.5	<2	16	--	--	--	--	--	--
	12/22/97	2389	39.8	2349.15	--	--	--	--	--	--	--	--	--	--	--	--
Screen	2/1/98	2389	39.64	2349.31	--	--	--	--	--	--	--	--	--	--	--	--
	2/26/98	2389	36.06	2352.89	<50	<0.5	0.60	0.70	<0.5	<5	--	--	--	--	--	--
20'-40'	3/14/98	2389	34.76	2354.19	--	--	--	--	--	--	--	--	--	--	--	--
	4/25/98	2389	29.06	2359.89	--	--	--	--	--	--	--	--	--	--	--	--
	5/16/98	2389	27.25	2361.70	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	6/6/98	2389	28.14	2360.81	--	--	--	--	--	--	--	--	--	--	--	--
	7/18/98	2389	26.18	2362.77	--	--	--	--	--	--	--	--	--	--	--	--
	9/3/98	2389	20.61	2368.34	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	10/2/98	2389	19.97	2368.98	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/98	2389	26.24	2362.71	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/98	2389	27.58	2361.37	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	1/11/00	2389	30.96	2357.99	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	5/4/00	2389	23.42	2365.53	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/00	2389	20.53	2368.42	<50	<0.3	<0.3	<0.3	<0.6	3.0	--	--	--	--	--	--
	9/26/00	2389	28.92	2360.03	<50	<0.3	<0.3	<0.3	<0.6	9.6	--	--	--	--	--	--
	12/22/00	2389	35.03	2353.92	<50	<0.3	<0.3	<0.3	<0.6	<2	--	--	--	--	--	--
	3/30/01	2389	36.96	2351.99	<50	<0.3	<0.3	<0.3	<0.6	5.2	--	--	--	--	--	--
	6/13/01	2389	34.22	2354.73	<50	<0.5	<0.5	<0.5	<0.5	1.2	--	--	--	--	--	--
	9/21/01	2389	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	2389	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/15/02	2389	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/26/02	2389	35.43	2353.52	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/25/02	2389	39.82	2349.13	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/12/02	2389	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	(3/20/03)	2427.1	39.11	2388.01	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/11/03	2427.1	28.24	2398.88	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/24/03	2427.1	30.44	2396.68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/15/03	2427.1	37.56	2389.56	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/4/04	2427.1	32.01	2395.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/14/04	2427.1	26.07	2401.05	<50	<0.5	<0.5	<0.5	<0.5	0.72	--	--	--	--	--	--
	12/15/04	2427.1	39.88	2387.24	<50	<0.5	<0.5	<0.5	<0.5	1.0	--	--	--	--	--	--
	6/23/05	2427.1	32.93	2394.19	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/29/05	2427.1	36.38	2390.74	<50	<0.5	<0.5	<0.5	<0.5	0.73	--	--	--	--	--	--
	3/22/06	2427.1	30.89	2396.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/8/06	2427.1	19.71	2407.41	<50	<0.5	<0.5	<0.5	<0.5	0.89	--	--	--	--	--	--
	9/6/06	2427.1	26.64	2400.48	<50	<0.5	<0.5	<0.5	<0.5	0.64	--	--	--	--	--	--

Table 2
GROUNDWATER ELEVATION AND ANALYTICAL DATA
Cedar Stock Resort
45810 State Highway 3
Trinity Center, California
Project No. NC-017

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Meth. (µg/L)	Eth. (µg/L)
MW-4	11/23/97	2373.00	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/22/97	2373.00	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen 20'-40'	2/1/98	2373.00	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/26/98	2373.00	30.35	2342.65	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	3/14/98	2373.00	23.71	2349.29	--	--	--	--	--	--	--	--	--	--	--	--
	4/25/98	2373.00	21.16	2351.84	--	--	--	--	--	--	--	--	--	--	--	--
	5/16/98	2373.00	17.94	2355.06	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	6/6/98	2373.00	16.07	2356.93	--	--	--	--	--	--	--	--	--	--	--	--
	7/18/98	2373.00	15.75	2357.25	--	--	--	--	--	--	--	--	--	--	--	--
	9/3/98	2373.00	12.38	2360.62	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	10/2/98	2373.00	11.94	2361.06	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/98	2373.00	21.04	2351.96	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/98	2373.00	22.21	2350.79	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	1/11/00	2373.00	28.38	2344.62	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--
	5/4/00	2373.00	9.81	2363.19	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/00	2373.00	5.31	2367.69	<50	<0.3	<0.3	<0.3	0.80	<2	--	--	--	--	--	--
	9/26/00	2373.00	27.65	2345.35	<50	<0.3	<0.3	<0.3	<0.60	<2	--	--	--	--	--	--
	12/22/00	2373.00	33.94	2339.06	<50	<0.3	<0.3	<0.3	<0.60	<2	--	--	--	--	--	--
	3/30/01	2373.00	33.21	2339.79	<50	<0.3	<0.3	<0.3	<0.60	4.5	--	--	--	--	--	--
	6/13/01	2373.00	27.22	2345.78	<50	<0.5	<0.5	<0.5	<0.5	0.85	--	--	--	--	--	--
	9/21/01	2373.00	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	2373.00	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/15/02	2373.00	36.47	2336.53	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/26/02	2373.00	28.11	2344.89	<50	<0.5	<0.5	<0.5	<0.5	0.64	--	--	--	--	--	--
	9/25/02	2373.00	38.39	2334.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/12/02	2373.00	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	(3/20/03)	2411.13	31.24	2379.89	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/11/03	2411.13	8.30	2402.83	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/24/03	2411.13	24.83	2386.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/15/03	2411.13	33.11	2378.02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/4/04	2411.13	22.41	2388.72	<50	<0.5	<0.5	<0.5	<0.5	1.3	--	--	--	--	--	--
	6/14/04	2411.13	16.55	2394.58	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/15/04	2411.13	39.43	2371.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/23/05	2411.13	22.25	2388.88	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/29/05	2411.13	29.83	2381.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/22/06	2411.13	22.28	2388.85	<50	<0.5	<0.5	<0.5	<0.5	0.52	--	--	--	--	--	--
	6/8/06	2411.13	3.76	2407.37	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/6/06	2411.13	21.49	2389.64	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--

Table 2
GROUNDWATER ELEVATION AND ANALYTICAL DATA
 Cedar Stock Resort
 45810 State Highway 3
 Trinity Center, California
 Project No. NC-017

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Meth. (µg/L)	Eth. (µg/L)
MW-5	5/4/00	2376.9	22.92	2353.96	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	--	--
	6/1/00	2376.9	12.02	2364.86	<50	<0.3	<0.3	<0.3	<0.6	<2	--	--	--	--	--	--
Screen	9/26/00	2376.9	22.87	2354.01	<50	<0.3	<0.3	<0.3	<0.6	<2	--	--	--	--	--	--
15'-35'	12/22/00	2376.9	30.72	2346.16	<50	<0.3	<0.3	<0.3	<0.6	<2	--	--	--	--	--	--
	3/30/01	2376.9	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/13/01	2376.9	29.23	2347.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/21/01	2376.9	31.54	2345.34	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/01	2376.9	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/15/02	2376.9	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/26/02	2376.9	30.84	2346.04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/25/02	2376.9	31.52	2345.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/12/02	2376.9	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	(3/20/03)	2415	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/11/03	2415	22.50	2392.54	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/24/03	2415	22.56	2392.48	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/15/03	2415	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/4/04	2415	26.24	2388.80	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/14/04	2415	18.92	2396.12	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/15/04	2415	31.56	2383.48	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/23/05	2415	18.23	2396.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/29/05	2415	31.53	2383.51	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/22/06	2415	25.23	2389.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/8/06	2415	8.36	2406.68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/6/06	2415	20.02	2395.02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--

Table 2
GROUNDWATER ELEVATION AND ANALYTICAL DATA
 Cedar Stock Resort
 45810 State Highway 3
 Trinity Center, California
 Project No. NC-017

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Meth. (µg/L)	Eth. (µg/L)
MW-6	5/4/00	2379.5	22.11	2357.42	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	--	--
	6/1/00	2379.5	9.71	2369.82	<50	<0.3	<0.3	<0.3	<0.6	<2	--	--	--	--	--	--
Screen	9/26/00	2379.5	24.88	2354.65	<50	<0.3	<0.3	<0.3	<0.6	2.3	--	--	--	--	--	--
	15'-35'	2379.5	29.47	2350.06	<50	<0.3	<0.3	<0.3	<0.6	<2	--	--	--	--	--	--
15'-35'	3/30/01	2379.5	27.93	2351.60	<50	<0.3	<0.3	<0.3	<0.6	<2	--	--	--	--	--	--
	6/13/01	2379.5	24.48	2355.05	<50	<0.5	<0.5	<0.5	<0.5	2.1	--	--	--	--	--	--
	9/21/01	2379.5	32.21	2347.32	<50	<0.5	<0.5	<0.5	<0.5	1.9	--	--	--	--	--	--
	12/15/01	2379.5	28.43	2351.10	<50	<0.5	<0.5	<0.5	<0.5	3.2	<5	<0.5	<0.5	<0.5	--	--
	3/15/02	2379.5	24.49	2355.04	<50	<0.5	<0.5	<0.5	<0.5	1.5	--	--	--	--	--	--
	6/26/02	2379.5	24.85	2354.68	<50	<0.5	<0.5	<0.5	<0.5	1.5	--	--	--	--	--	--
	9/25/02	2379.5	32.13	2347.40	<50	<0.5	<0.5	<0.5	<0.5	1.8	--	--	--	--	--	--
	12/12/02	2379.5	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
	(3/20/03)	2417.7	24.79	2392.93	<50	<0.5	<0.5	<0.5	<0.5	2.4	--	--	--	--	--	--
	6/11/03	2417.7	11.77	2405.95	<50	<0.5	<0.5	<0.5	<0.5	1.6	--	--	--	--	--	--
	9/24/03	2417.7	22.95	2394.77	<50	<0.5	<0.5	<0.5	<0.5	1.5	--	--	--	--	--	--
	12/15/03	2417.7	No Access	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/4/04	2417.7	No Access	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/04	2418.7	15.91	2402.81	<50	<0.5	<0.5	<0.5	<0.5	1.4	--	--	--	--	--	--
	12/15/04	2418.7	18.28	2400.44	<50	<0.5	<0.5	<0.5	<0.5	1.8	--	--	--	--	--	--
	6/23/05	2418.7	18.00	2400.72	<50	<0.5	<0.5	<0.5	<0.5	1.0	--	--	--	--	--	--
	12/29/05	2418.7	20.08	2398.64	<50	<0.5	<0.5	<0.5	<0.5	1.3	--	--	--	--	--	--
	3/22/06	2418.7	14.37	2404.35	<50	<0.5	<0.5	<0.5	<0.5	0.99	--	--	--	--	--	--
	6/8/06	2418.7	6.10	2412.62	<50	<0.5	<0.5	<0.5	<0.5	0.80	--	--	--	--	--	--
	9/6/06	2418.7	20.23	2398.49	<50	<0.5	<0.5	<0.5	<0.5	0.80	--	--	--	--	--	--
Taste & odor threshold					5	--	42	29	17	--						
MCL					--	1	150	750	1,750	5						
NCRWQCB Cleanup Goals					<50	0.50	42	29	17	5						

Notes:

TOC: Top of casing referenced to US Bureau of Reclamation Trinity Lake level (2293.78 feet above mean sea level).

DTW: Depth to water as referenced to benchmark.

GWE: Ground water elevation as referenced to benchmark

µg/L = micrograms per liter

"--": Not analyzed, available, or applicable

<### : Not detected at or below the method detection limit as shown.

MCL: Maximum contaminant level, and enforceable drinking water standard

Taste & odor threshold: A drinking water standard

TPHg total petroleum hydrocarbons as gasoline by EPA Method 8260B

BTEX: Benzene, ethyl-benzene, toluene, xylenes by EPA Method 8260B

MTBE: Methyl tertiary butyl ether by EPA Method 8260B

TBA: Tert butanol by EPA Method 8260B

DIPE: Di isopropyl ether by EPA Method 8260B

ETBE: Ethyl tertiary butyl ether by EPA Method 8260B

TAME: tertiary amyl methyl ether by EPA Method 8260B

Meth and Eth: Methanol and Ethanol by EPA Method 8260B

NCRWQCB: North Coast Regional Water Quality Control Board

Sample date in parentheses indicated new wellhead survey per Geotracker

Table 3
INTRINSIC BIOREMEDIATION DATA
 Cedar Stock Resort
 45810 State Highway 3
 Trinity Center, California
 Project No. NC-17

Well No.	Date	TPHg (µg/L)	MTBE (µg/L)	D.O.* (mg/L)	Eh* (mV)	pH*	Total				Ortho Phosphate (mg/L)	Ferrous Iron (mg/L)	TOC (mg/L)	COD (mg/L)	BOD (mg/L)	Heterotrophic			Aerobic	Anaerobic
							Alkalinity (mg/L)	Nitrate (mg/L)	Ammonia (mg/L)	Sulfate (mg/L)						Plate Count (CFU/mL)	Degradors (CFU/mL)	Degradors (CFU/mL)	Degradors (CFU/mL)	Degradors (CFU/mL)
MW-1	9/25/02	6,400	1,800	4.01	107.3	5.20	87	0.54	0.21	0.84	<0.5	--	4.98	36	--	5,000	500,000	100	--	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/03	<500	1,400	1.96	98	5.94	88	<0.5	<0.1	0.82	<0.5	<0.1	<2	17	<3	7,000	60,000	1,000	--	--
	6/11/03	420	550	1.96	305	5.86	74	<0.5	0.58	1.3	<0.5	<0.1	5.2	16	<3	00,000 / 35,00	50,000	35,000	--	--
	9/24/03	2,300	710	1.79	270.5	6.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/03	2,600	940	1.78	237.1	6.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/4/04	2,000	510	1.74	218.0	6.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/04	1,500	440	1.58	--	5.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/04	1,400	560	2.09	--	6.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/05	1,800	360	2.68	--	5.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/29/05	270	350	7.95	--	4.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/22/06	870	410	6.20	--	6.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/8/06	350	120	1.25	--	6.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/6/06	680	340	4.88	--	5.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/25/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/03	<50	85	1.88	61	6.48	95	<0.5	0.21	0.82	<0.5	<0.1	3	7.9	6	20,000	4,000	500	--	--
	6/11/03	<50	39	1.88	268	6.26	73	1.1	0.17	1.10	<0.5	<0.1	4	<7	<3	20,000 / 200	600	4,000	--	--
	9/24/03	180	82	1.83	212.6	6.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/03	Dry no sample		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/4/04	78	46	1.88	212	6.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/04	<50	1	1.73	--	6.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/04	<50	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/05	<50	12	1.91	--	5.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/29/05	<50	2.40	1.50	--	4.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/22/06	<50	24	2.52	--	6.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/8/06	<50	1.40	2.16	--	6.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/6/06	<50	30.00	--	--	5.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/25/02	<50	<0.5	4.40	228	5.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/03	<50	<0.5	1.95	63	6.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/11/03	<50	<0.5	1.92	287	6.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/24/03	<50	<0.5	1.91	168	6.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/03	<50	<0.5	1.79	262	6.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/4/04	<50	<0.5	1.71	242	6.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/04	<50	0.72	1.67	--	6.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/04	<50	1.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/05	<50	<0.5	4.20	--	5.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/29/05	<50	0.73	6.52	--	4.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/22/06	<50	<0.5	6.41	--	6.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/8/06	<50	0.89	5.92	--	5.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/6/06	<50	0.64	--	--	5.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/25/02	<50	<0.5	5.40	187	5.37	78	2.9	<0.10	1.1	<0.5	--	<1	<10	--	3,000	4,000	4,000	--	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/03	<50	<0.5	1.82	69	6.38	68	2.2	0.13	0.79	<0.5	<0.1	3.2	<7	<3	3,500	550	3,000	--	--
	6/11/03	<50	<0.5	1.83	331	6.16	77	2.6	0.17	0.86	<0.5	<0.1	2.9	<7	<3	8,000 / 2,000	50	2,000	--	--
	9/24/03	<50	<0.5	1.82	314.8	6.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/03	<50	<0.5	1.72	195.1	6.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/4/04	<50	1.30	1.69	208	6.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/04	<50	<0.5	1.54	--	6.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/04	<50	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/05	<50	<0.5	3.65	--	5.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/29/05	<50	<0.5	6.26	--	5.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/22/06	<50	0.52	4.88	--	6.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/8/06	<50	<0.5	5.87	--	6.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/6/06	<50	<0.5	3.95	--	5.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
INTRINSIC BIOREMEDIATION DATA

Cedar Stock Resort
45810 State Highway 3
Trinity Center, California
Project No. NC-17

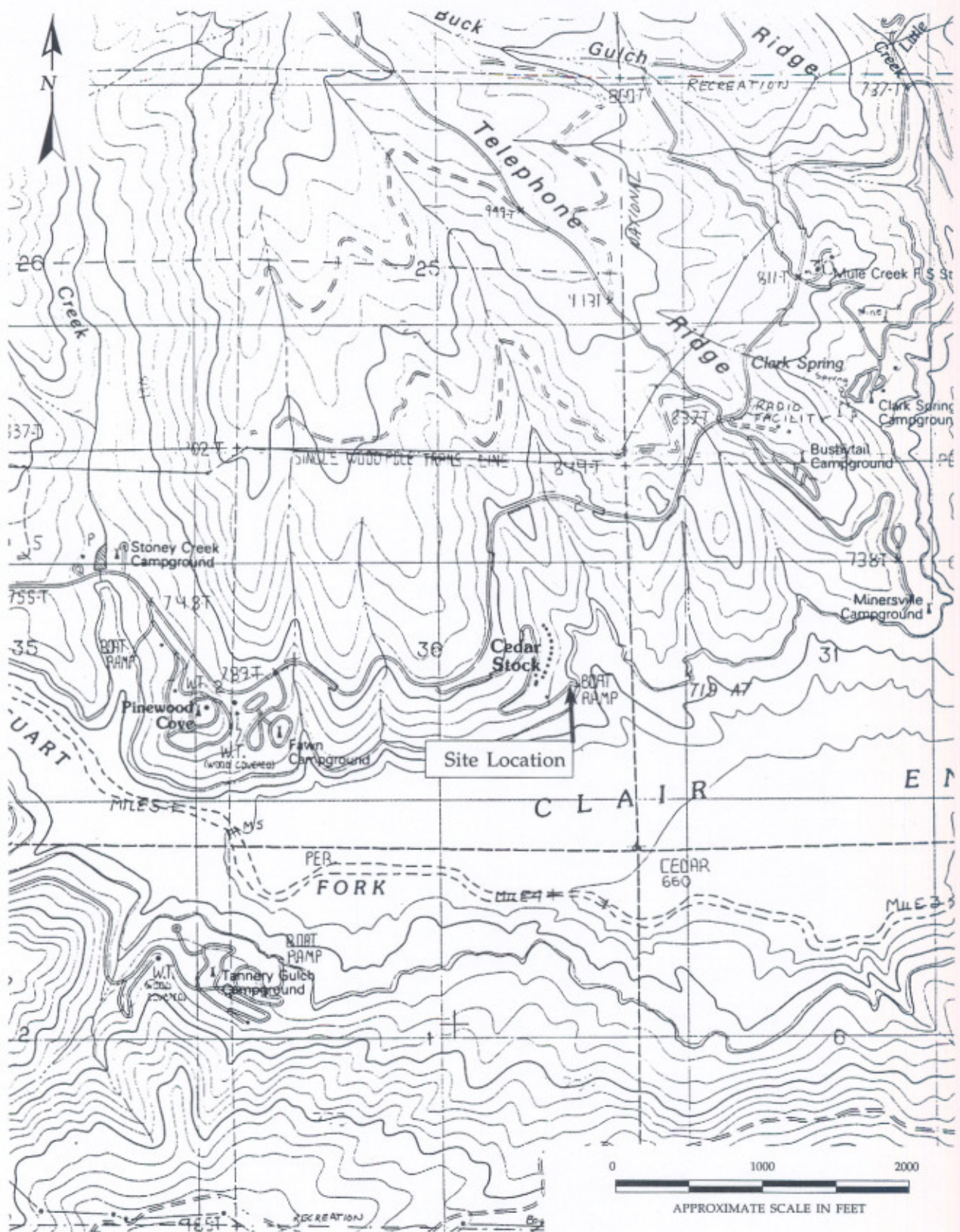
Well No.	Date	TPHg (µg/L)	MTBE (µg/L)	D.O.* (mg/L)	Eh* (mV)	pH*	Total				Ortho Phosphate (mg/L)	Ferrous Iron (mg/L)	TOC (mg/L)	COD (mg/L)	BOD (mg/L)	Heterotrophic Plate Count (CFU/mL)	Aerobic Hydrocarbon Degraders (CFU/mL)	Anaerobic Hydrocarbon Degraders (CFU/mL)
							Alkalinity (mg/L)	Nitrate (mg/L)	Ammonia (mg/L)	Sulfate (mg/L)								
MW-5	9/25/02	<50	<0.5	5.72	196	5.26	--	--	--	--	--	--	--	--	--	--	--	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/11/03	<50	<0.5	1.95	341	6.41	--	--	--	--	--	--	--	--	--	--	--	--
	9/24/03	<50	<0.5	1.77	293	6.42	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/03	Dry no sample																
	3/4/04	<50	<0.5	1.83	207	6.74	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/04	<50	<0.5	1.48	--	6.11	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/04	<50	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/05	<50	<0.5	4.10	--	6.14	--	--	--	--	--	--	--	--	--	--	--	--
	12/29/05	<50	<0.5	6.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/22/06	<50	<0.5	6.20	--	6.32	--	--	--	--	--	--	--	--	--	--	--	--
	6/8/06	<50	<0.5	6.77	--	6.47	--	--	--	--	--	--	--	--	--	--	--	--
	9/6/06	<50	<0.5	--	--	5.83	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/25/02	<50	<0.5	4.11	204	5.50	160	0.65	0.15	2.20	<0.5	--	<1	<10	--	8,000	10,000	10,000
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/20/03	<50	2.40	1.98	67	6.37	150	<0.5	0.18	3.40	<0.5	<0.1	<2	10	<3	1,000	4,500	2,500
	6/11/03	<50	1.60	1.92	199	6.38	150	0.72	0.12	2.80	<0.5	<0.1	3.6	<7	<3	5,000 / 1,000	800	2,000
	9/24/03	<50	1.50	1.87	253.3	6.55	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/03	No access																
	3/4/04	No access																
	6/14/04	<50	1.40	1.58	--	6.08	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/04	<50	1.80	2.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/05	<50	1.00	3.85	--	5.97	--	--	--	--	--	--	--	--	--	--	--	--
	12/29/05	<50	1.30	5.34	--	5.79	--	--	--	--	--	--	--	--	--	--	--	--
	3/22/06	<50	0.99	6.02	--	6.61	--	--	--	--	--	--	--	--	--	--	--	--
	6/8/06	<50	0.80	3.95	--	6.39	--	--	--	--	--	--	--	--	--	--	--	--
	9/6/06	<50	0.80	3.95	--	6.07	--	--	--	--	--	--	--	--	--	--	--	--

Notes

TPHg Total petroleum hydrocarbons as gasoline by EPAM 5030/8260B
 MTBE Methyl tert-butyl ether by EPA Method 8260B
 µg/L micrograms per Liter, equivalent to parts per billion - ppb
 mg/L milligrams per Liter, equivalent to parts per million - ppm
 * Parameters measured in field and recorded on field sheets
 mV Millivolts
 CFU/mL Colony forming units per milliliter
 D.O. Dissolved oxygen measured with downhole meter
 Eh Reduction-oxidation potential measured with downhole meter
 pH pH measured with field meter
 Alkalinity by EPA Method 310.1
 Nitrate by EPA Method 353.3
 COD Chemical Oxygen Demand by EPA Method 410.4

Ammonia by EPA Method 350.2
 Sulfate by EPA Method 375.4
 Phosphate by EPA Method 365.2
 TOC Total Organic Carbon by EPA Method 415.2
 Ferrous Iron by Standard Method 3500
 BOD Biological Oxygen Demand by EPA Method 405.1
 Heterotrophic Plate Count Bacteria enumeration assay by Standard Method 9215B modified
 Hydrocarbon Degraders Bacteria enumeration assay for diesel and gasoline degraders
 "---": Not analyzed, available, or applicable
 <### Not detected above the number indicated

FIGURES



Site Location Map

Cedar Stock Resort
45810 State Highway 3
Trinity Center, CA

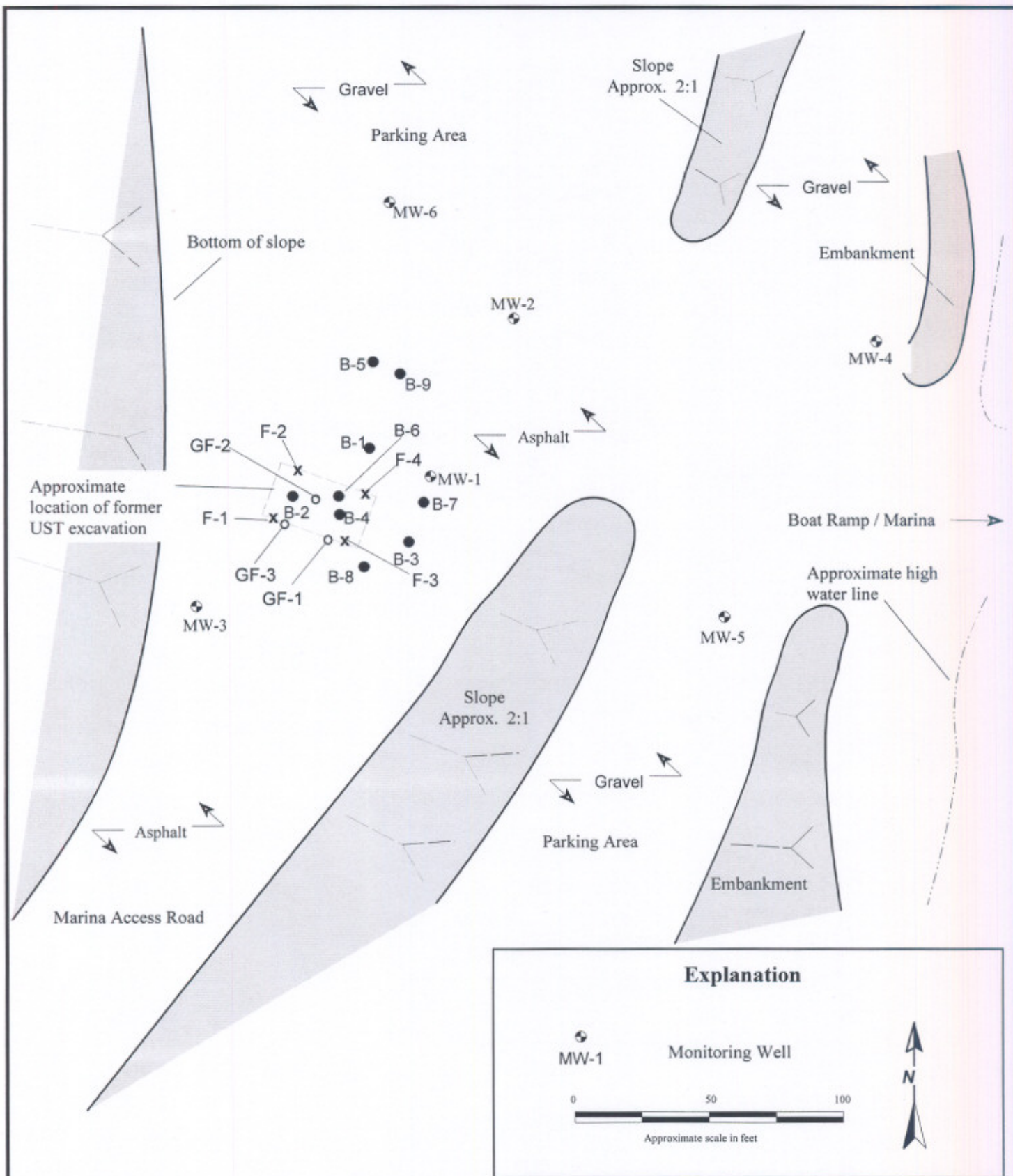


**BLUE ROCK
ENVIRONMENTAL, INC.**

Project No.
NC-017

Report Date
9/06

Figure
1



Site Plan

Cedar Stock Resort
45810 State Highway 3
Trinity Center, California

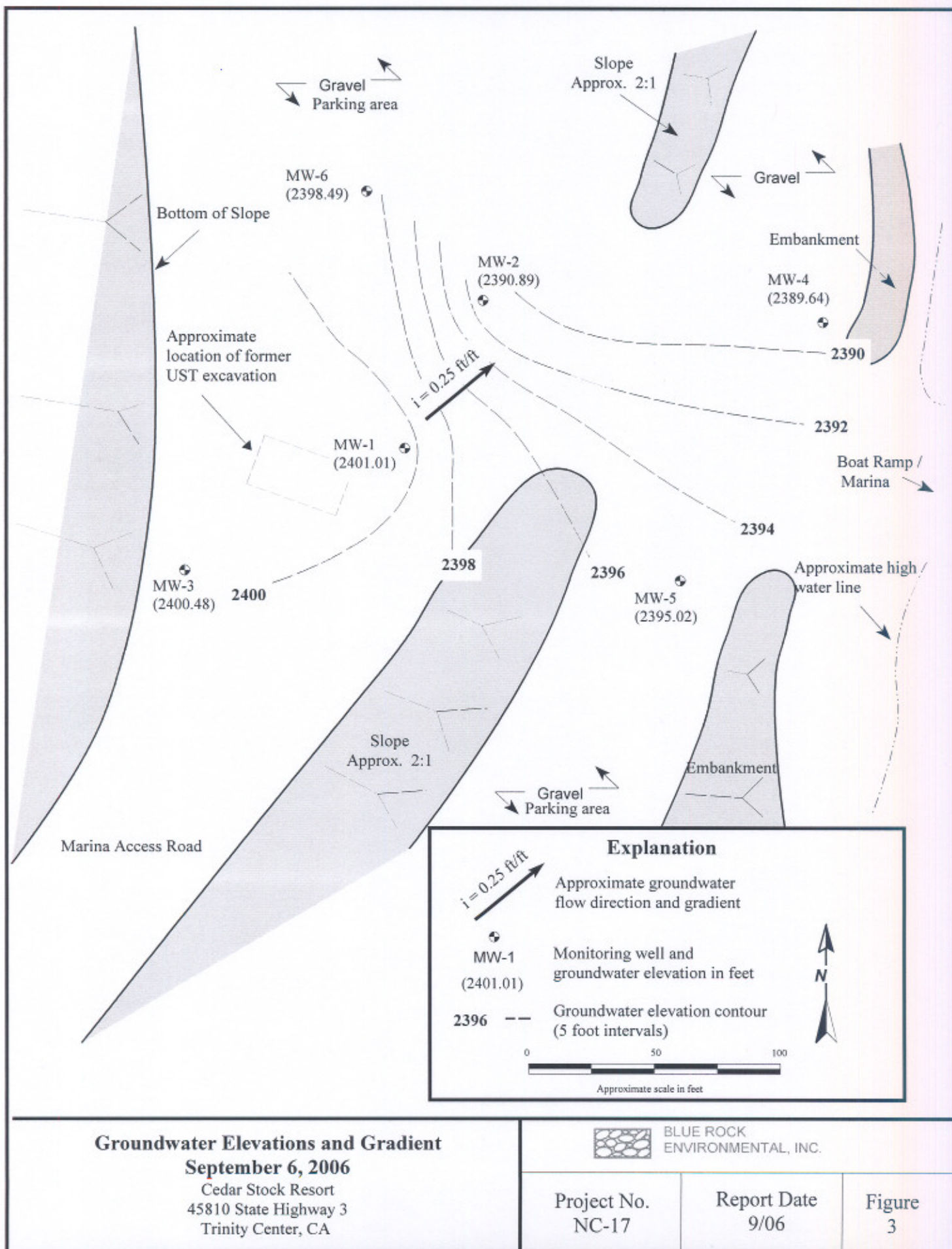


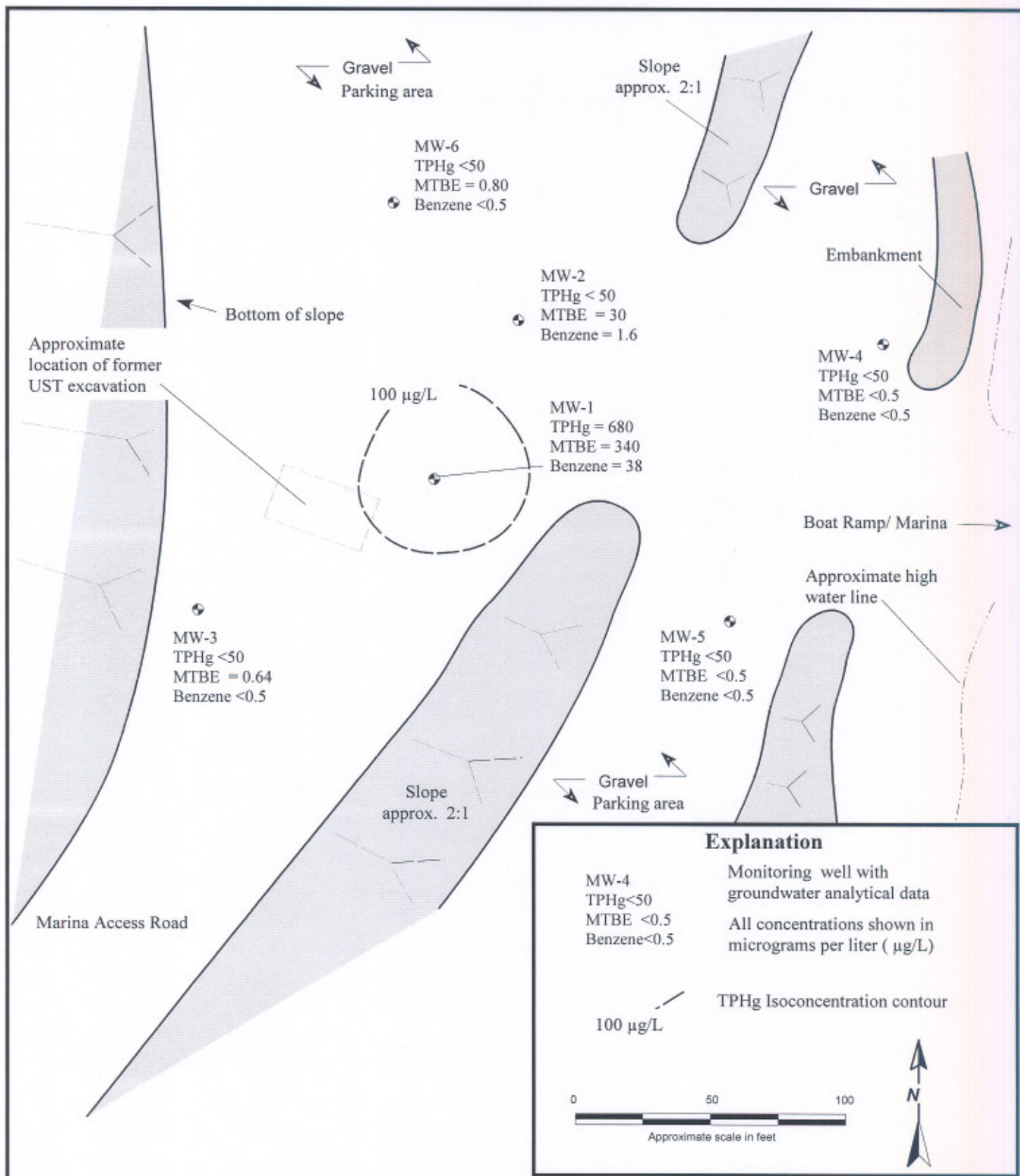
BLUE ROCK
ENVIRONMENTAL, INC.

Project No.
NC-17

Report Date
9/06

Figure
2





Dissolved-Phase TPHg Distribution

September 6, 2006

Cedar Stock Resort
45810 State Highway 3
Trinity Center, CA

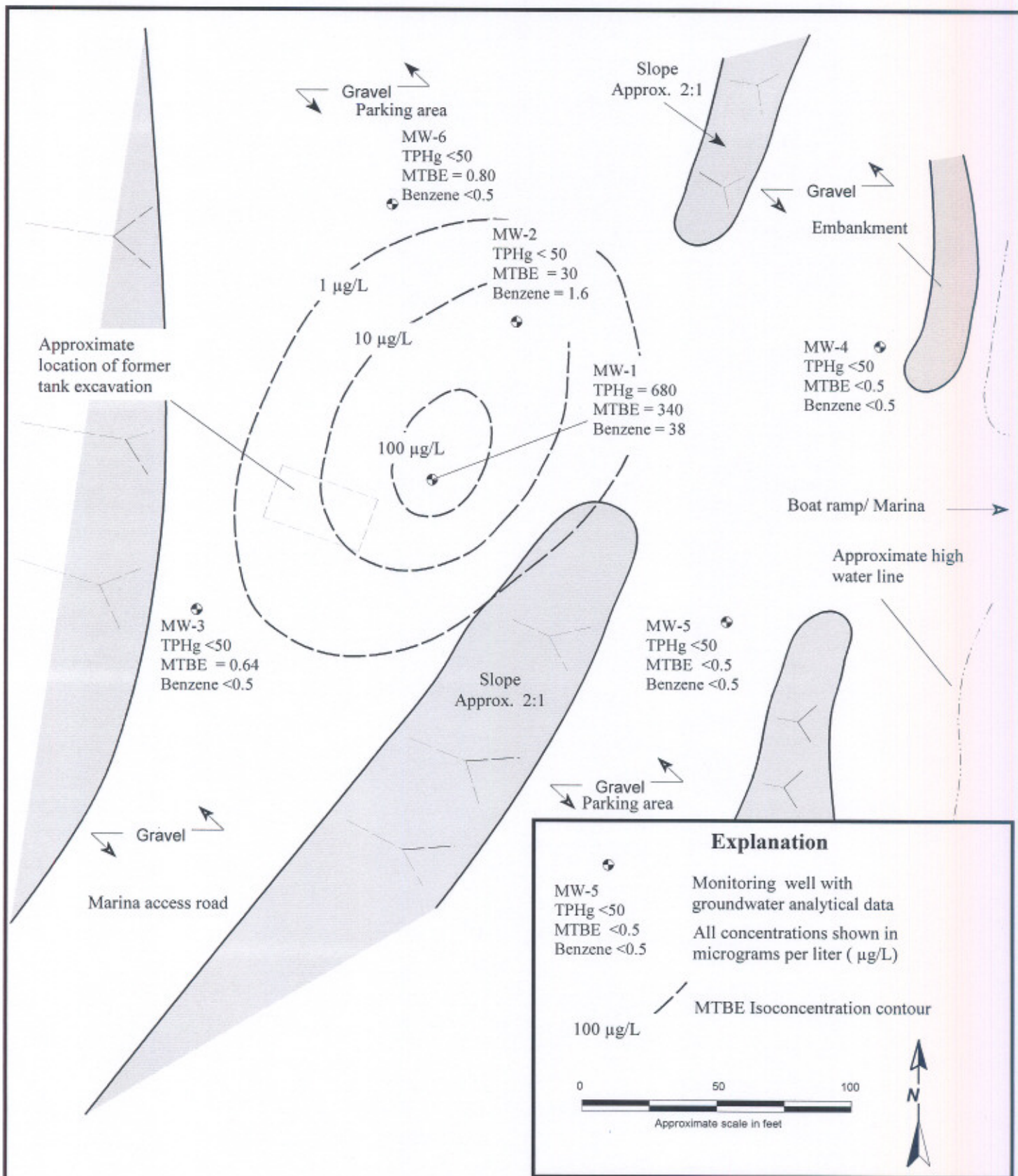


BLUE ROCK
ENVIRONMENTAL, INC.

Project No.
NC-17

Report Date
9/06

Figure
4



Dissolved-Phase MTBE Distribution

September 6, 2006

Cedar Stock Resort
45810 State Highway 3
Trinity Center, CA

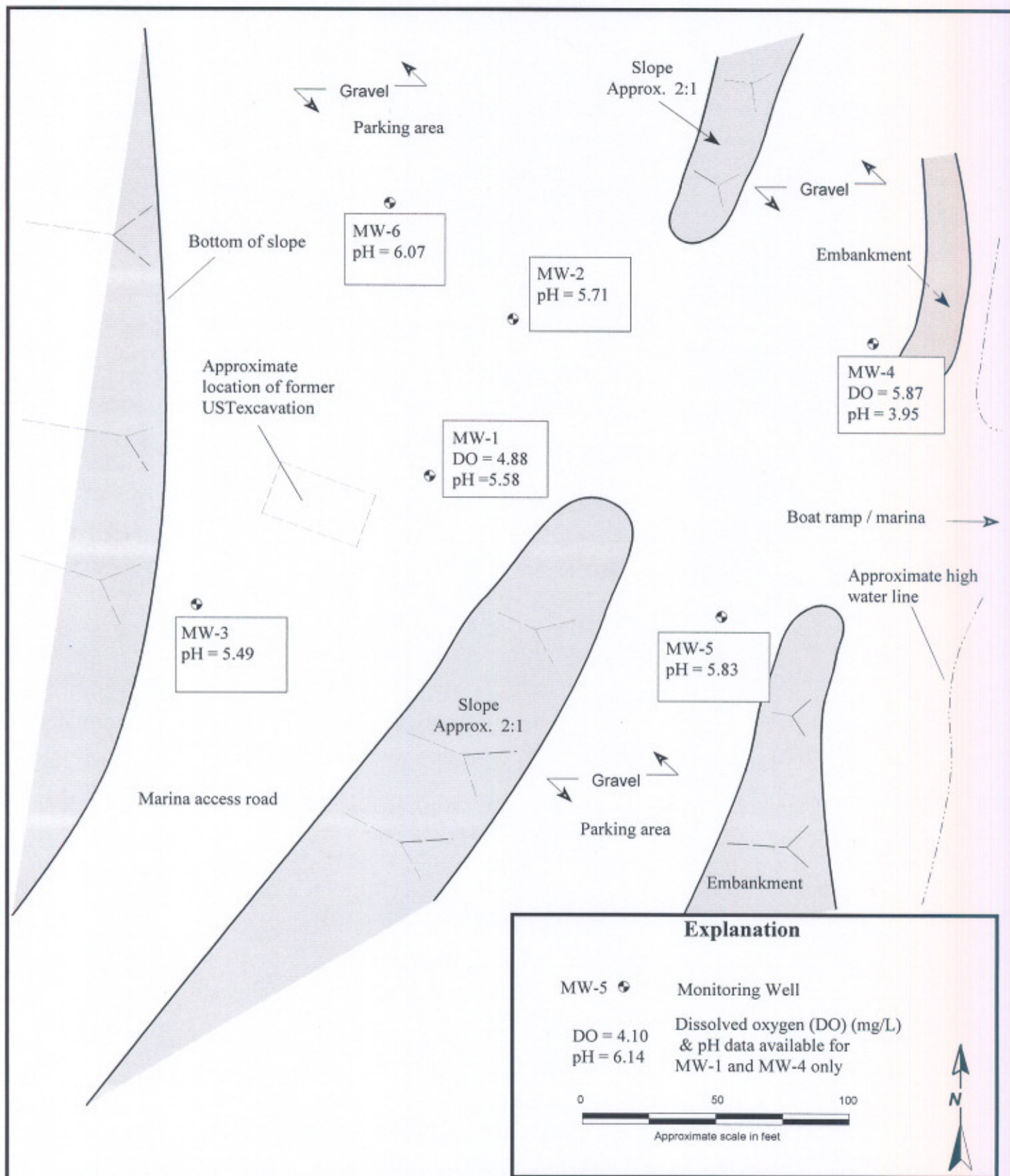


BLUE ROCK
ENVIRONMENTAL, INC.

Project No.
NC-17

Report Date
9/06

Figure
5



Intrinsic Bioremediation Data

September 6, 2006

Cedar Stock Resort
45810 State Highway 3
Trinity Center, California



BLUE ROCK
ENVIRONMENTAL, INC.

Project No.
NC-17

Report Date
9/06

Figure
6

APPENDIX A

GAGING DATA/PURGE CALCULATIONS

Job No.: NC-17 Location: 45180 Hwy 3 Trin. Ct. Date: 9/6/06 Tech(s): J.L.

WELL NO.	DIA. (in.)	DTB (ft.)	DTW (ft.)	ST (ft.)	CV (gal.)	PV (gal.)	SPH (ft.)	NOTES
MW-1	2	40.04	20.69	19.35	3.09	9.27	0	D.O. = 4.98
MW-2	1	40.11	28.02	12.09	1.93	5.79	1	D.O. = 2.13*
MW-3	1	40.97	26.64	14.33	2.29	6.87	1	D.O. = 5.75*
MW-4	1	40.72	21.49	19.23	3.07	9.21	1	D.O. = 3.95*
MW-5	1	32.10	20.02	12.08	1.93	5.79	1	D.O. = 5.32*
MW-6	✓	34.79	20.23	14.56	2.32	6.96	✓	D.O. = 3.34*

Explanation:

DIA. = Well Diameter

DTB = Depth to Bottom

DTW = Depth to Water

ST = Saturated Thickness (DTB-DTW)

CV = Casing Volume (ST x cf)

PV = Purge Volume (standard 3 x CV,
well development 10 x CV)

SPH = Thickness of Separate Phase Hydrocarbons

Conversion Factors (cf):

2 in. dia. well cf = 0.16 gal./ft.

4 in. dia. well cf = 0.65 gal./ft.

6 in. dia. well cf = 1.44 gal./ft.



BLUE ROCK
ENVIRONMENTAL, INC.

PURGING DATA

SHEET 1 OF 2

Job No.: NC-17 Location: 45180 Hwy 3 Date: 9/6/06 Tech: J.L.

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH	
MW-1			---	---	---	Sample for:
Calc. purge	10:55	0.25	72	64.3	5.45	TPHg TPHd 8260
volume	11:00	4.50	142	61.1	5.47	BTEX MTBE Metals
9.27	11:05	9.25	151	61.0	5.58	Purging Method:
						PVC bailer / Pump
COMMENTS: color, turbidity, recharge, sheen						Sampling Method:
Clear/mod/mod/no sheen/no odor						Dedicated / Disposable bailer
						Sample at: 11:10

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH	
MW-2			---	---	---	Sample for:
Calc. purge	10:35	0.25	156	62.8	5.53	TPHg TPHd 8260
volume	10:40	3.00	171	60.8	5.68	BTEX MTBE Metals
5.79	10:45	5.80	191	60.1	5.71	Purging Method:
						PVC bailer / Pump
COMMENTS: color, turbidity, recharge, sheen						Sampling Method:
Clear/mod/mod/no sheen/no odor						Dedicated / Disposable bailer
						Sample at: 10:50

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH	
MW-3			---	---	---	Sample for:
Calc. purge	10:15	0.25	102	59.8	5.57	TPHg TPHd 8260
volume	10:20	3.25	81	59.1	5.48	BTEX MTBE Metals
6.87	10:25	6.85	83	58.7	5.49	Purging Method:
						PVC bailer / Pump
COMMENTS: color, turbidity, recharge, sheen						Sampling Method:
Clear/mod/mod/no sheen/no odor						Dedicated / Disposable bailer
						Sample at: 10:30

PURGING DATA

SHEET 2 OF 2

Job No.: NC-17 Location: 45180 Hwy. 3 Date: 9/6/06 Tech: JL

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH	
MW-4			---	---	---	Sample for:
Calc. purge	11:15	0.25	93	63.8	5.58	TPHg TPHd 8260
volume	11:20	4.50	94	60.3	5.61	BTEX MTBE Metals
9.21	11:25	9.20	95	59.9	5.65	Purging Method:
						PVC bailer / Pump
COMMENTS: color, turbidity, recharge, sheen						Sampling Method:
Clear/mod/mod/no sheen/no odor						Dedicated / Disposable bailer
						Sample at: 11:30

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH	
MW-5			---	---	---	Sample for:
Calc. purge	11:35	0.25	115	63.7	5.74	TPHg TPHd 8260
volume	11:40	2.75	124	62.2	5.76	BTEX MTBE Metals
5.79	11:45	5.80	133	61.4	5.83	Purging Method:
						PVC bailer / Pump
COMMENTS: color, turbidity, recharge, sheen						Sampling Method:
Clear/mod/mod/no sheen/no odor						Dedicated / Disposable bailer
						Sample at: 11:50

WELL No.	TIME	VOLUME (gal.)	COND. (mS/cm)	TEMP. (deg. F.)	pH	
MW-6			---	---	---	Sample for:
Calc. purge	11:55	0.25	201	62.4	5.93	TPHg TPHd 8260
volume	12:00	3.50	212	59.9	6.02	BTEX MTBE Metals
6.96	12:05	7.00	203	59.0	6.07	Purging Method:
						PVC bailer / Pump
COMMENTS: color, turbidity, recharge, sheen						Sampling Method:
Clear/mod/mod/no sheen/no odor						Dedicated / Disposable bailer
						Sample at: 12:10

APPENDIX B



Report Number : 52072

Date : 9/11/2006

Andrew LoCicero
Blue Rock Environmental, Inc.
535 3rd Street, Suite 100
Eureka, CA 95501

Subject : 6 Water Samples
Project Name : Cedar Stock
Project Number : NC-17

Dear Mr. LoCicero,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff

Project Name : **Cedar Stock**

Project Number : **NC-17**

Sample : **MW-1**

Matrix : Water

Lab Number : 52072-01

Sample Date :9/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	38	0.90	ug/L	EPA 8260B	9/9/2006
Toluene	< 0.90	0.90	ug/L	EPA 8260B	9/9/2006
Ethylbenzene	< 0.90	0.90	ug/L	EPA 8260B	9/9/2006
Total Xylenes	< 0.90	0.90	ug/L	EPA 8260B	9/9/2006
Methyl-t-butyl ether (MTBE)	340	0.90	ug/L	EPA 8260B	9/9/2006
TPH as Gasoline	680	90	ug/L	EPA 8260B	9/9/2006
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	9/9/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	9/9/2006

Sample : **MW-2**

Matrix : Water

Lab Number : 52072-02

Sample Date :9/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	1.6	0.50	ug/L	EPA 8260B	9/8/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/8/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/8/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/8/2006
Methyl-t-butyl ether (MTBE)	30	0.50	ug/L	EPA 8260B	9/8/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/8/2006
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	9/8/2006
4-Bromofluorobenzene (Surr)	95.9		% Recovery	EPA 8260B	9/8/2006

Approved By:

Joel Kiff

Project Name : Cedar Stock

Project Number : NC-17

Sample : MW-3

Matrix : Water

Lab Number : 52072-03

Sample Date :9/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Methyl-t-butyl ether (MTBE)	0.64	0.50	ug/L	EPA 8260B	9/9/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/9/2006
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	9/9/2006
4-Bromofluorobenzene (Surr)	94.4		% Recovery	EPA 8260B	9/9/2006

Sample : MW-4

Matrix : Water

Lab Number : 52072-04

Sample Date :9/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/9/2006
Toluene - d8 (Surr)	96.9		% Recovery	EPA 8260B	9/9/2006
4-Bromofluorobenzene (Surr)	94.8		% Recovery	EPA 8260B	9/9/2006

Approved By:

Joel Kiff

Project Name : Cedar Stock

Project Number : NC-17

Sample : MW-5

Matrix : Water

Lab Number : 52072-05

Sample Date :9/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/9/2006
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	9/9/2006
4-Bromofluorobenzene (Surr)	97.1		% Recovery	EPA 8260B	9/9/2006

Sample : MW-6

Matrix : Water

Lab Number : 52072-06

Sample Date :9/6/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Methyl-t-butyl ether (MTBE)	0.80	0.50	ug/L	EPA 8260B	9/9/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/9/2006
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	9/9/2006
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	9/9/2006

Approved By:

Joel Kiff

Report Number : 52072

Date : 9/11/2006

QC Report : Method Blank Data

Project Name : **Cedar Stock**

Project Number : **NC-17**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/8/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/8/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/8/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/8/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/8/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/8/2006
Toluene - d8 (Surr)	99.2		%	EPA 8260B	9/8/2006
4-Bromofluorobenzene (Surr)	95.1		%	EPA 8260B	9/8/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/9/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/9/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	9/9/2006
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	9/9/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

Report Number : 52072

Date : 9/11/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : Cedar Stock

Project Number : NC-17

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	52066-04	<0.50	39.8	39.8	42.5	42.8	ug/L	EPA 8260B	9/8/06	107	107	0.783	70-130	25
Toluene	52066-04	<0.50	39.8	39.8	41.7	41.1	ug/L	EPA 8260B	9/8/06	105	103	1.46	70-130	25
Tert-Butanol	52066-04	<5.0	199	199	192	192	ug/L	EPA 8260B	9/8/06	96.1	96.2	0.0933	70-130	25
Methyl-t-Butyl Ether	52066-04	<0.50	39.8	39.8	35.4	35.6	ug/L	EPA 8260B	9/8/06	88.9	89.3	0.458	70-130	25
Benzene	52072-06	<0.50	39.9	39.8	41.3	41.1	ug/L	EPA 8260B	9/9/06	104	103	0.106	70-130	25
Toluene	52072-06	<0.50	39.9	39.8	43.1	42.8	ug/L	EPA 8260B	9/9/06	108	108	0.0960	70-130	25
Tert-Butanol	52072-06	<5.0	200	199	211	218	ug/L	EPA 8260B	9/9/06	106	110	3.59	70-130	25
Methyl-t-Butyl Ether	52072-06	0.80	39.9	39.8	35.9	35.3	ug/L	EPA 8260B	9/9/06	88.0	86.8	1.33	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By: Joel Kiff



QC Report : Laboratory Control Sample (LCS)Project Name : **Cedar Stock**Project Number : **NC-17**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	9/8/06	109	70-130
Toluene	40.0	ug/L	EPA 8260B	9/8/06	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/8/06	95.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/8/06	92.0	70-130
Benzene	40.0	ug/L	EPA 8260B	9/9/06	104	70-130
Toluene	40.0	ug/L	EPA 8260B	9/9/06	108	70-130
Tert-Butanol	200	ug/L	EPA 8260B	9/9/06	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	9/9/06	88.7	70-130

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:

Joel Kiff



Distribution: White - Lab; Pink - Originator
Rev: 051805

APPENDIX C

Chart 1a
MW-1: Dissolved TPHg vs. Time
Cedar Stock Resort
41580 State Hwy 3
Trinity Center, CA

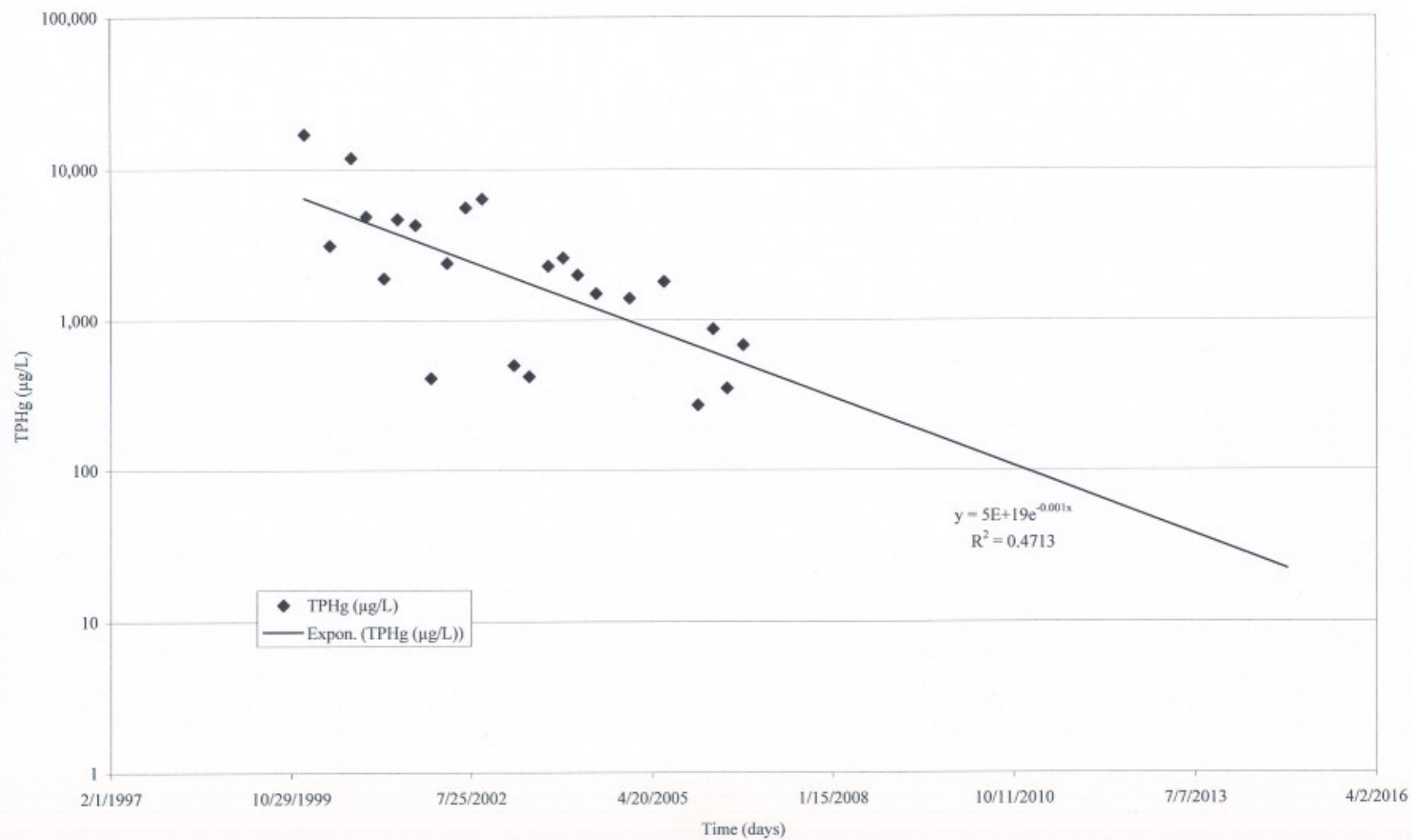


Chart 1b
MW-1: Dissolved Benzene vs. Time
Cedar Stock Resort
41580 State Hwy 3
Trinity Center, CA

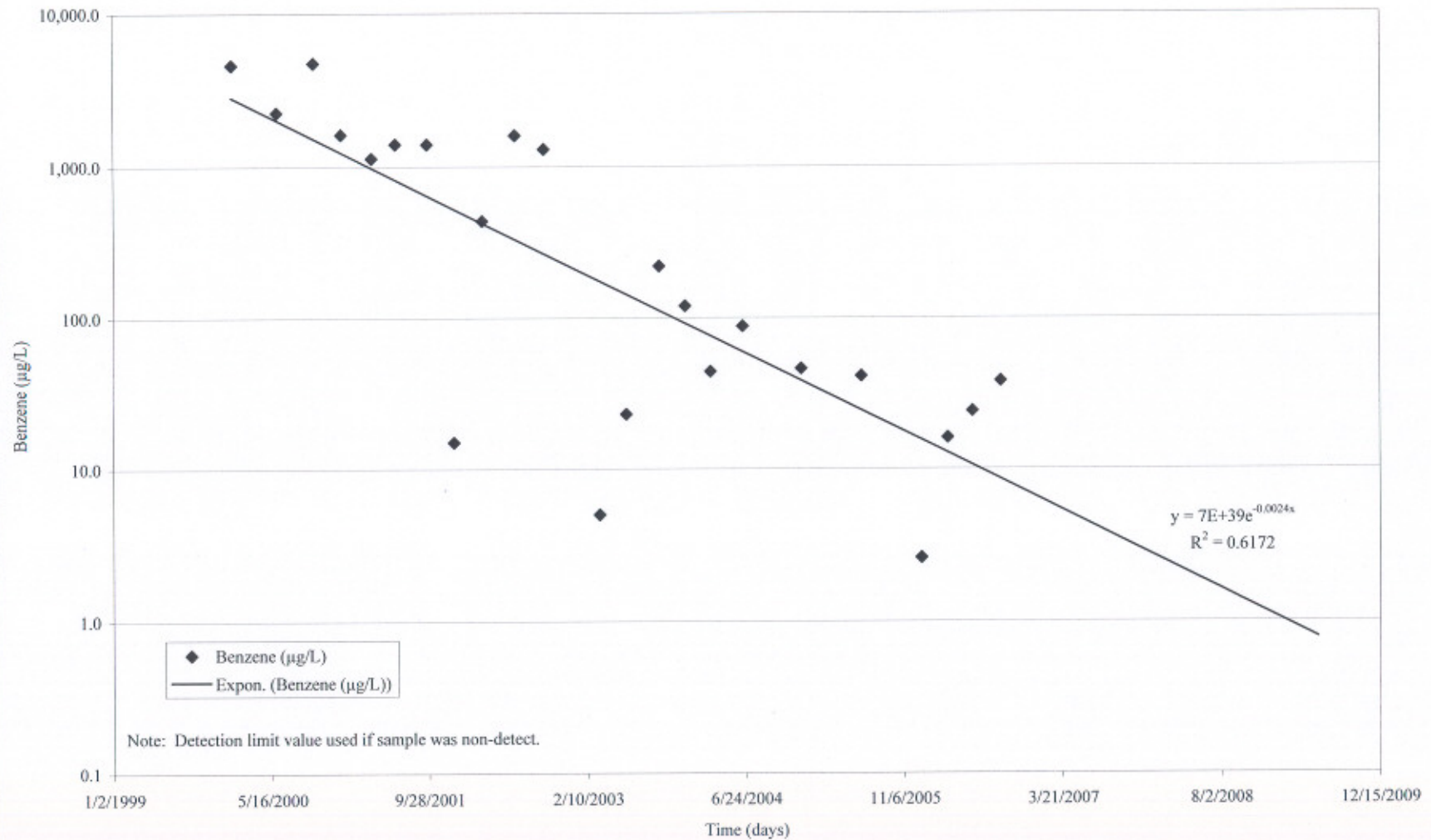


Chart 1c
MW-1: Dissolved MTBE vs. Time
Cedar Stock Resort
41580 State Hwy 3
Trinity Center, CA

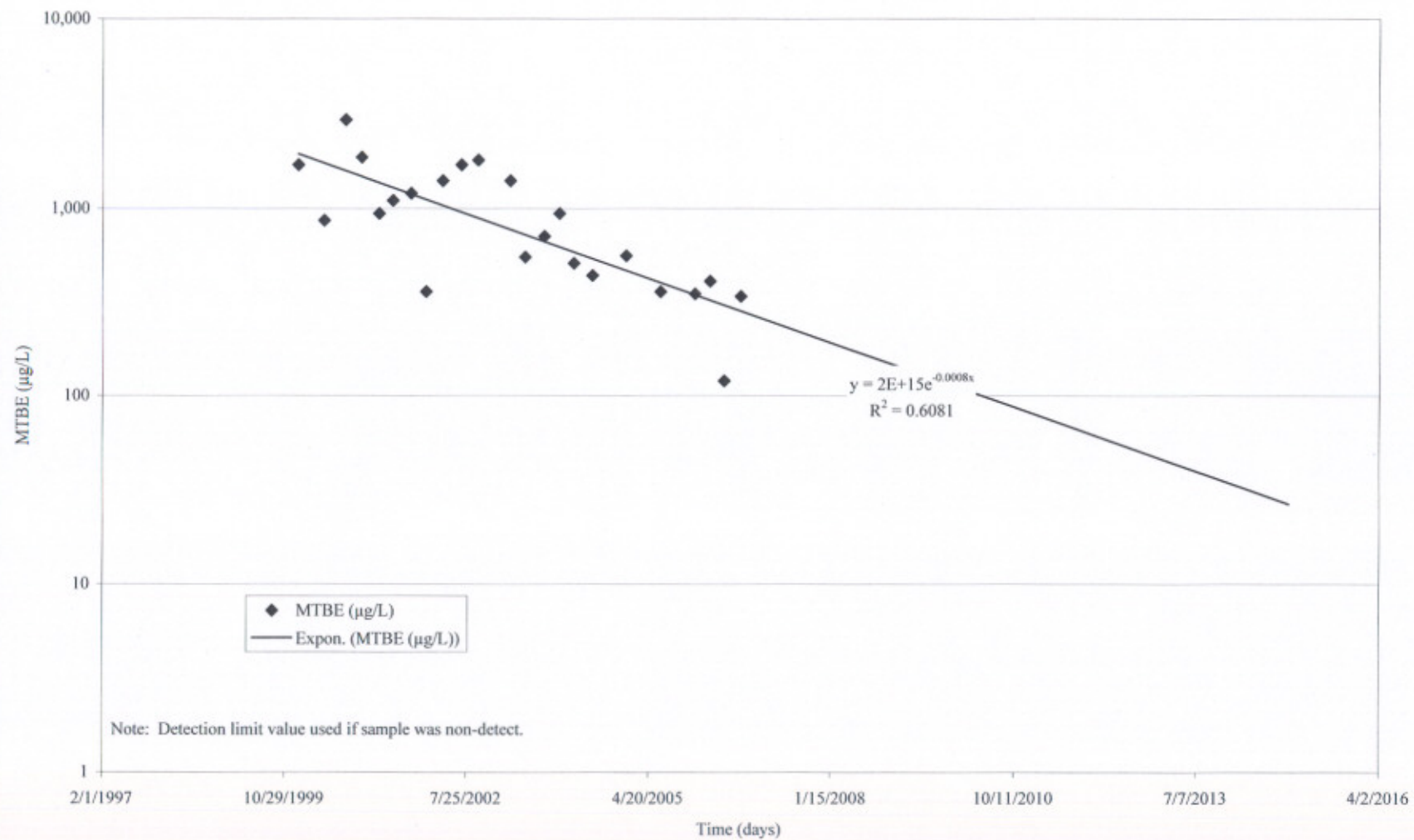


Chart 2a
MW-2: Dissolved TPHg vs. Time
Cedar Stock Resort
45810 State Hwy 3
Trinity Center, CA

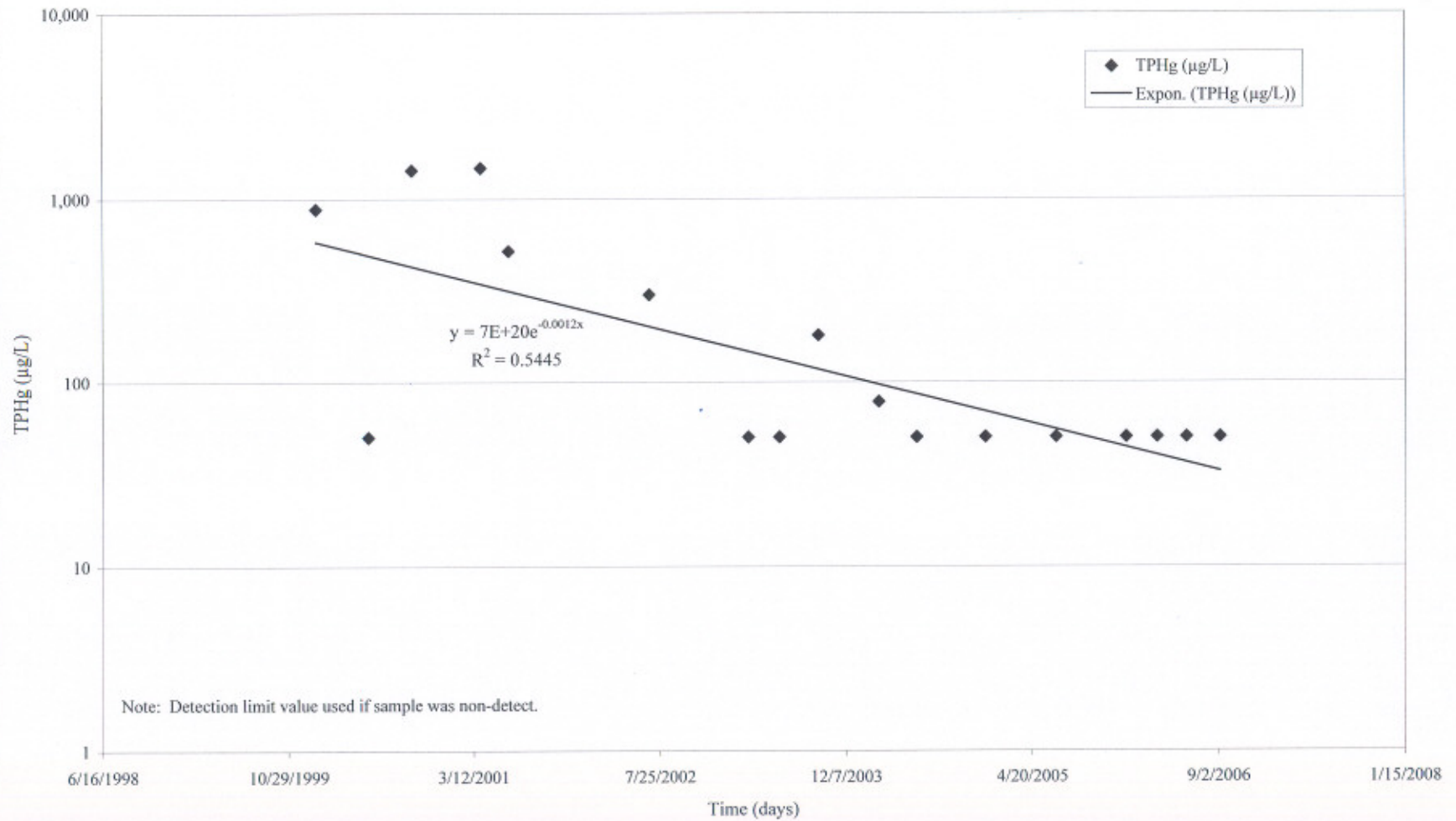


Chart 2b
MW-2: Dissolved Benzene vs. Time
Cedar Stock Resort
45810 State Hwy 3
Trinity Center, CA

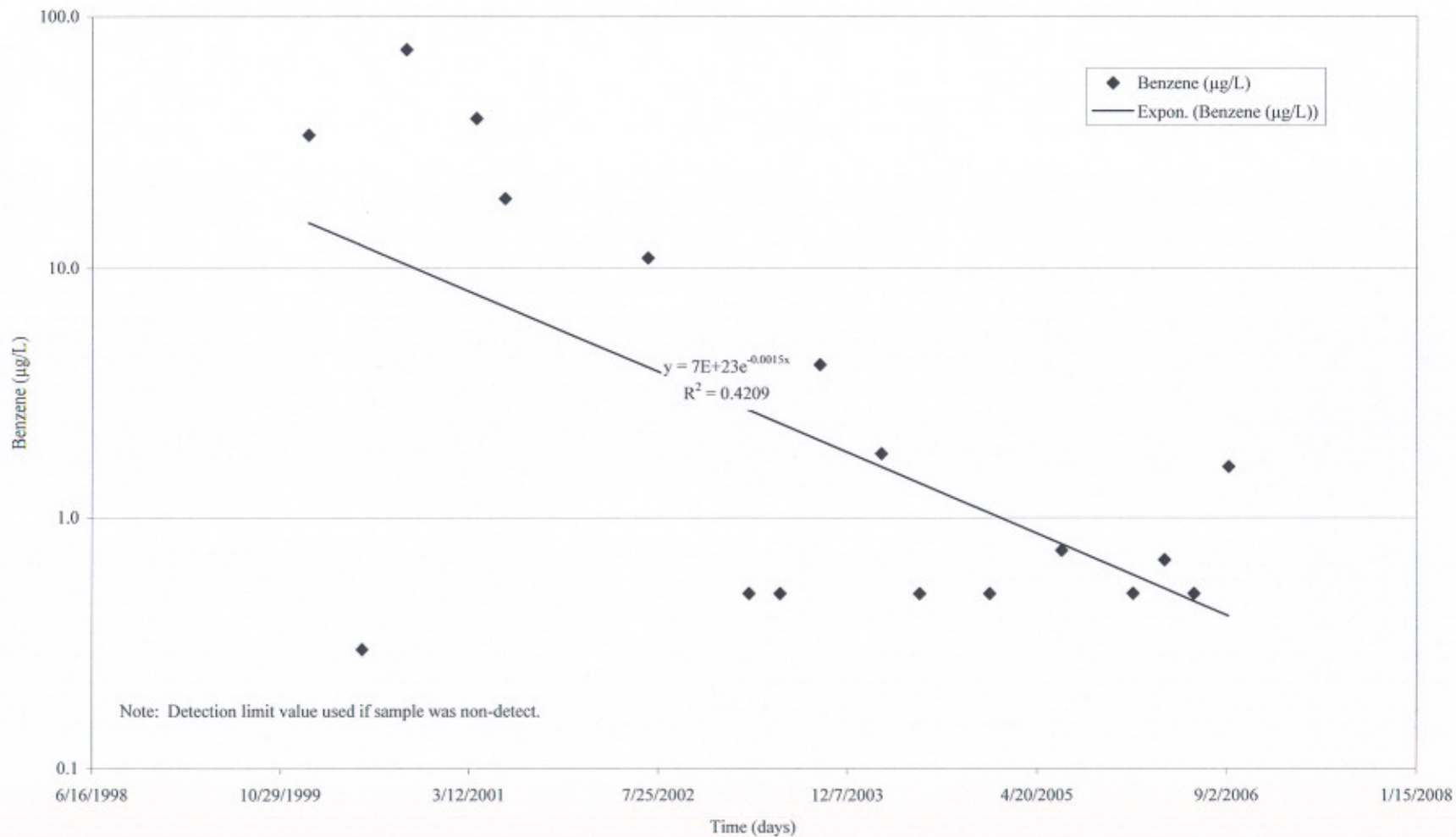


Chart 2c
MW-2: Dissolved MTBE vs. Time
Cedar Stock Resort
45810 State Hwy 3
Trinity Center, CA

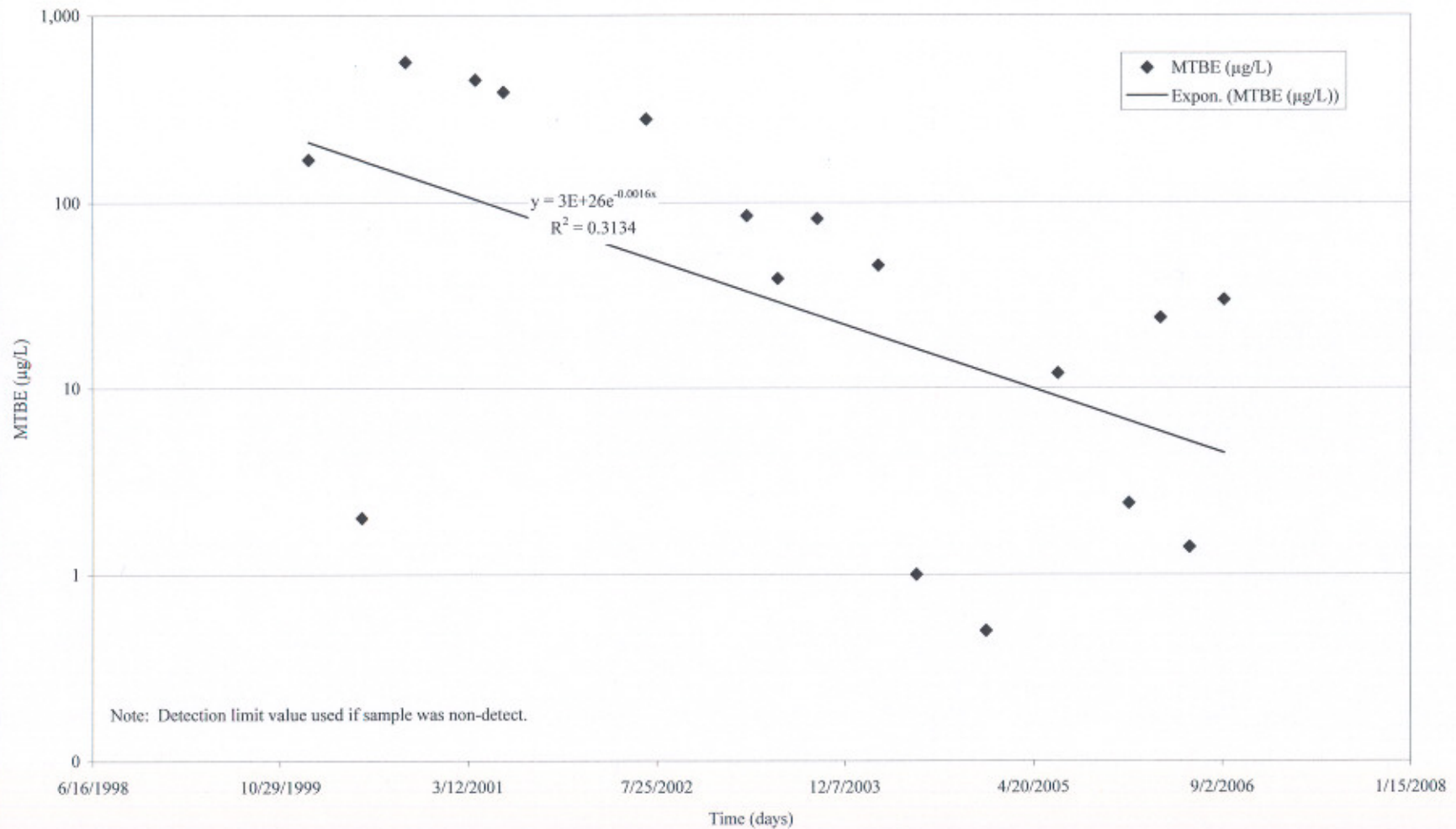


Chart 3a
 MW-1: Dissolved Target Analytes vs. Time
 (Depth to water greater than 25 feet bgs)
 Cedar Stock Resort
 41580 State Hwy 3
 Trinity Center, CA

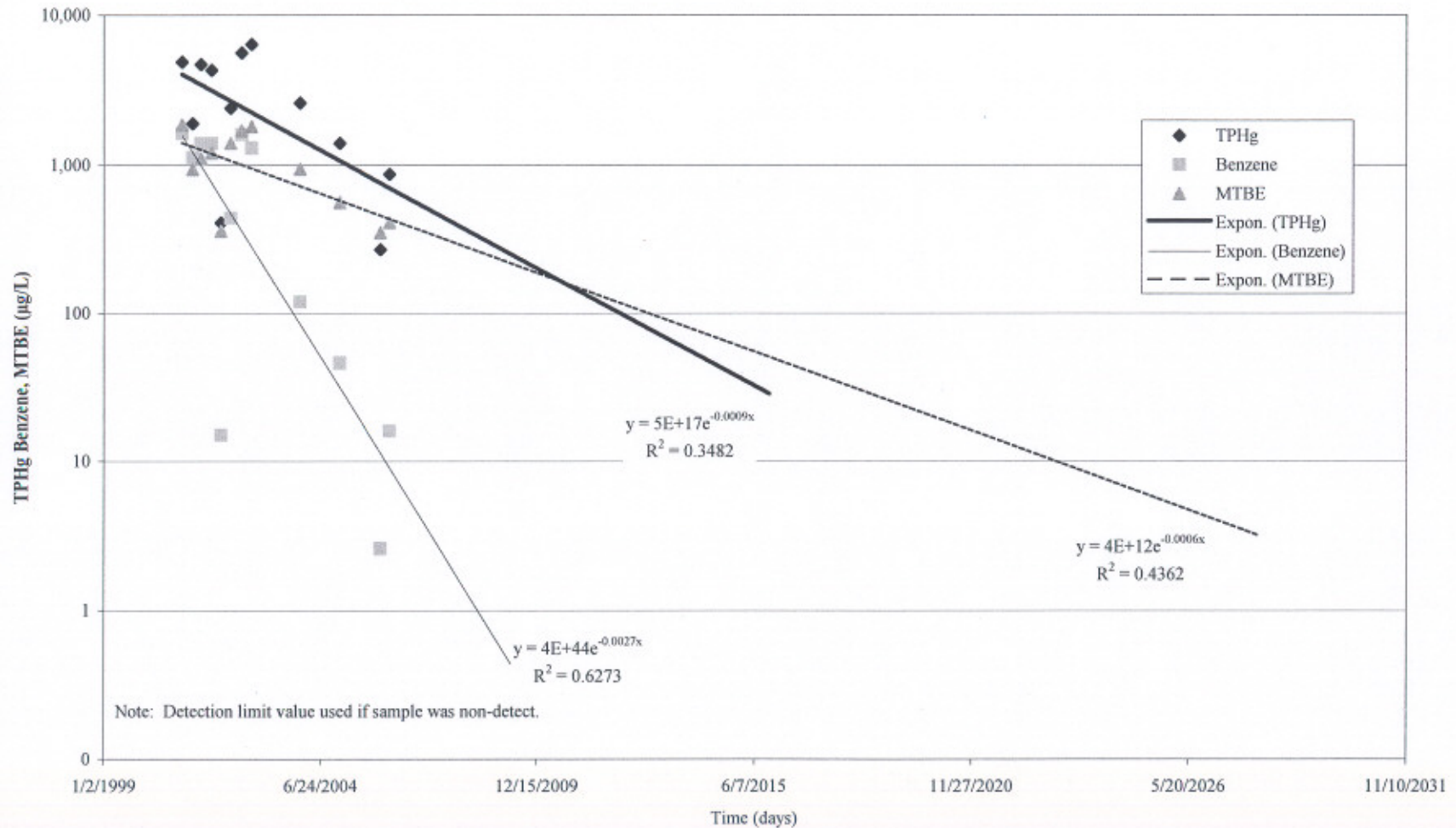


Chart 3b
MW-1: Dissolved Target Analytes vs. Time
 (Depth to water less than 25 feet bgs)
 Cedar Stock Resort
 41580 State Hwy 3
 Trinity Center, CA

